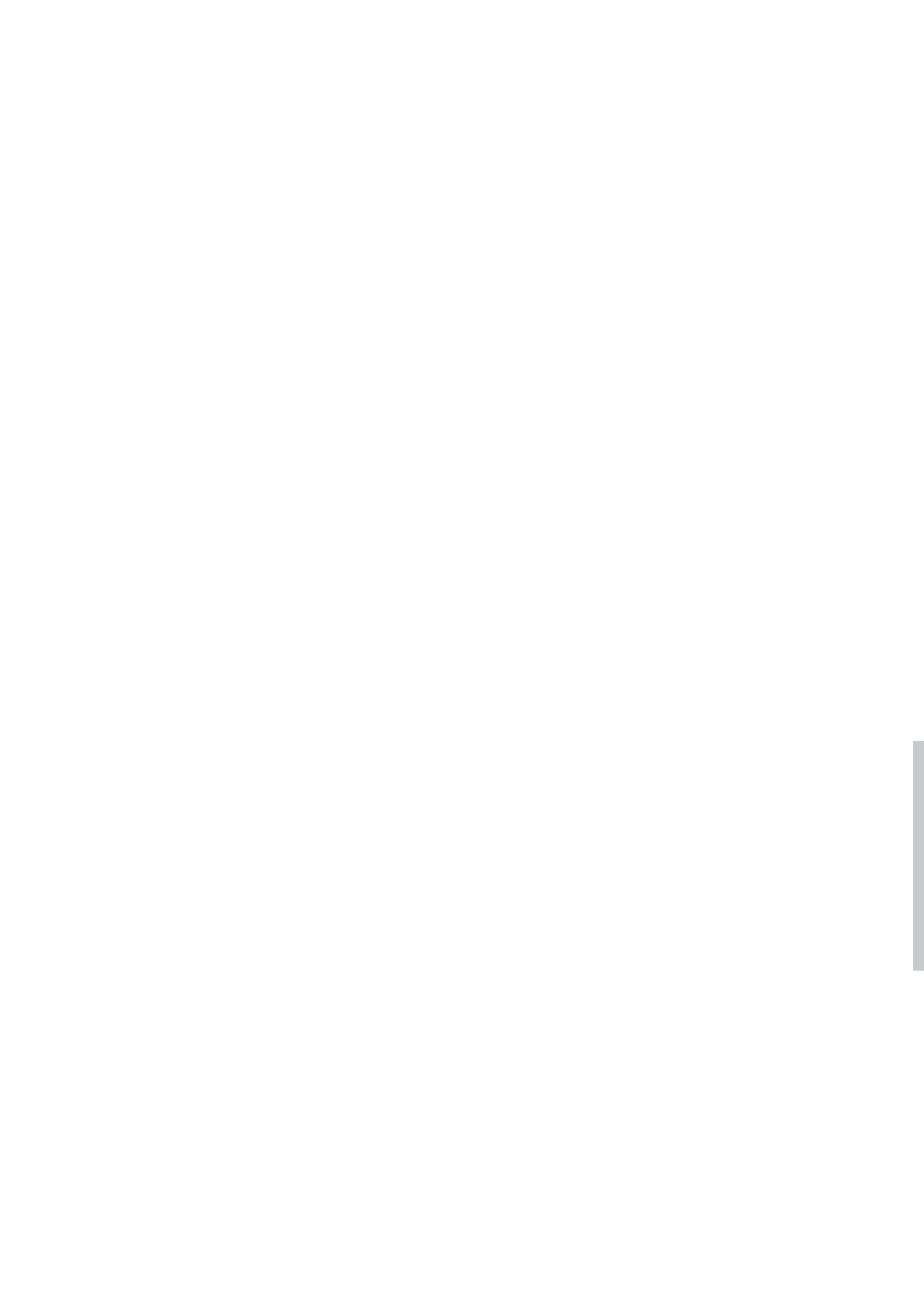


 **Bohle**



VERIFIX[®]

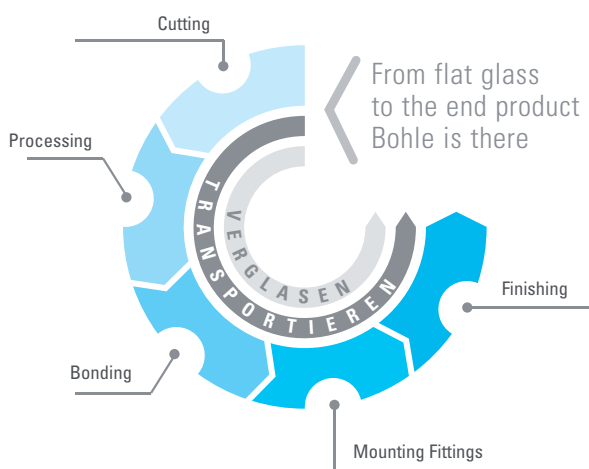
Glass Bonding Technology



This is Bohle

The Bohle Group is Europe's leading manufacturer and supplier of tools, machines and accessories for glass processing and finishing. The family business, founded in 1923, is now represented by over 300 employees at numerous locations in Germany and abroad. Divided into product divisions for Handling, Glass Cutting (manual and automatic), Glass Bonding, Glazing, Tools, Machinery, Fittings and Surface Technology, the entire product range is precisely tailored to the respective customer groups from trade, industry and retail. Quality is the leading principle at Bohle – in every area.

To live up to this standard, the company develops and manufactures many products themselves. A modern logistics centre quickly dispatches the ordered goods to the customer.



Our focus is on glass - But that's not all

Glass has been the focus of Bohle's activities since the company was founded. But many of their products are also applied in other sectors. For example, products from the vacuum technology sector are also used in stoneworking, automobile manufacturing as well as other industrial enterprises - as standard products or as customized solutions.

VERIFIX

In the Verifix® section, the glass professional will find products for high quality, durable glass bonding, ranging from UV adhesives to fixing devices and metering systems.



© Foto: Tonelli

Symbols



New Product



Special Order



Hazardous material



Bulky Goods









Glass Bonding

Glass bonding technology has developed in recent years to become an integral, state of the art form of technology in the glass processing industry. As a result, demands from both the glass processing industry and the individual glaziers' shops are constantly increasing. Bohle offers everything you need for the perfect bond. Apart from its long-standing experience of 25 years in glass bonding, the company also falls back on the world's largest product range, with all the technology you need, bringing obvious advantages for your business: for example, multiple design possibilities, short processing times and low equipment expenses. Open up new fields of business and broaden your offers.

In furniture construction and shop fitting, UV bonding technology is known as an up-to-date process for manufacturing high quality objects while maintaining high design integrity. The finished pieces of furniture stand out due to their elegant transparency, uninterrupted by mechanical fixings or connections.

Glass bonding also offers the possibility for artists to turn both transparent and coloured glass into high-quality pieces of art. In many cases these are also suitable for exterior use.

Apart from the wide array of design possibilities, bonding technology also offers technical and economical advantages. The glass is no longer loaded intermittently thanks to the even distribution of force over the entire surface. Drill holes and cutouts are no longer required and as a result, these work steps can be omitted when producing glass. As a result the glass is no longer weakened. Extremely high bonding strengths can be achieved for both static and dynamic bonds. Production of high-quality objects goes hand in hand with low processing expenses. Economic individual and batch production due to short processing times.



Glass Bonding

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01 | Cleaning



Pre-cleaning - a Must for Optimum Bonds

Perfect bonds can only be achieved if the bonding surface is totally clean. Thorough pre-cleaning of the object to be bonded is therefore of the greatest importance. All bonding surfaces must be clean, dry and grease-free. The cleaner used must not leave any residues and must not form a separating layer on the bonding surfaces.

▶ Bohle Special Cleaner



Ideal for preliminary cleaning prior to glass bonding or sealing. The Bohle Special Cleaner cleans and degreases glass, metal, ceramic and rubber. The special composition of the cleaner ensures very thorough cleaning. Particularly suitable for use with UV adhesives.

Art. No.	Contents · incl.
BO 5107910	Atomiser, refillable 250 ml · Spray Head
BO 5107911	Refill 1 litre
BO 5107912	Refill 27 litres

Hot Air Fans

After bonding surfaces have been cleaned, some non-visible moisture remains that would negatively affect the strength of the bond. Possible residual moisture should be removed before applying the adhesive in order to improve the long-term stability of the bond.

▶ Hot Air Fan



Ideal for removing residual moisture prior to UV bonding

i Temperature 300°C + 500° C · Output 1500 W · Voltage 230 V

Art. No.	Description
BO 5210007	Hot Air Fan

Final Cleaning & General Cleaning Tasks

These high quality Bohle glass cleaners are ideally suited for removing coarse dirt from the glass surface, for cleaning glass on a daily basis or for final cleaning after bonding.

▶ Bohle Premium Glass Cleaner



Ideal for windows, mirrors, windscreens and other glass surfaces
· prevents fresh smudging · no streaking · in spray bottles without propellants · biologically degradable · with the purchase of one carton (=12 bottles), 3 spray heads are included

Please note: Not suitable for pre-cleaning before UV bonding! Only for cleaning after bonding! · improved formula with new design

Art. No.	Contents
BO 5107805	Bottle 1 litre
BO 5107807	Container 12 litres
BO 5107806	Container 25 litres

▶ Spray Head for Glass Cleaner



For BO 5107800 + BO 5107910

Art. No.	Description
BO 5107810	Spray Head

▶ Bohle Citrus Glass Cleaner with your company-branded label



The perfect ad for your business: the Bohle glass cleaner in a customised bottle with your company-branded label! · Please note: · Send your company logo (together with an image) in print resolution (tiff or EPS, 300 dpi) to privatelabel@bohle.de. · Send the corresponding address and text to be printed on the label to privatelabel@bohle.de. · Define your in-house font (include typeface if necessary) · Please be aware when using an image that it will be surrounded by a 3 mm rim. · Please be aware that the text cannot be displayed in a font size smaller than 7 pt. · You will receive a pdf file for sign off and, upon request, the original label.

i Contents 500 ml · incl. Spray Head · Fragrance fresh citrus fragrance · Packaging unit 40 bottles · Streaking none · Consumption very economic · Cleaning power extraordinary · Feature: prevents fresh smudging · Minimum order quantity 120 bottles · Label size width 65 mm, height 90 mm

Art. No.	Description
BO 5107808	Citrus Glass Cleaner with your company-branded label

▶ Bohle Professional Foam Cleaner 660 ml



Can be used for glass, smooth plastic surfaces, mirrors, car windows, tiles · for workshop and home, showcases and display windows · sparkling surfaces without streaking · environmentally sound propellant · Ideal for cleaning glass parts after fusing · For quantities of 672 or more, available with your own label!

Please note: Not suitable for pre-cleaning before UV bonding! Only for cleaning after bonding!
Large can - contains 660 ml!

Art. No.	Description
BO 5107900	Spray can of 660 ml

▶ Special UV Wiping Cloths



Textile-like polishing and wiping cloths · 70% viscose, 30% polyester · for removing liquid and solid materials from scratch-sensitive surfaces · dispenser box of 275 cloths · especially suitable for removing adhesive residues after pre-curing

i Weight 50 g/m² · Cloth size 40 x 38 cm · Colour white

Art. No.	Description
BO 5141630	Special UV Wiping Cloth

▶ Paper Towel Dispenser



Paper towel dispenser, floor model for jumbo rolls · with holder for bin liners · Paper towels and bin liners are not included.

Art. No.	Description
BO 5141616	Paper Towel Dispenser

▶ Paper Towels



Paper Towels · white · 2-ply · Suitable dispenser BO 5141616

i Quantity 420 sheets, 22 x 38 cm each (width x length)

Art. No.	Description
BO 5141617	Paper Towels

▶ Paper Towels



Paper Towels · 2-ply · Suitable dispenser BO 5141616

i Quantity 1000 sheets, 24 x 38 cm (width x length) · Weight 2 x 18 g/m² · Packaging unit 2 items

Art. No.	Colour
BO 5141620	white
BO 5141621	blue

▶ Paper Towels



Paper Towels · 4-ply · white · Suitable dispenser BO 5141616

i Weight 4 x 17 g/m² · Quantity 1000 sheets, 38 x 38 cm (width x length)

Art. No.	Description
BO 5141625	Paper Towels

▶ Steel Wool



Top quality · long-fibred · tough · good grip · excellent polishing and grinding ability · highly elastic and uniform · easily divisible strands

Art. No.	Description · fineness
BO 5141634	Cardboard roll of 100 g · 0
BO 5141635	Cardboard roll of 200 g · 0
BO 5141605	Cardboard roll of 100 g · 00
BO 5141601	Cardboard roll of 200 g · 00
BO 5141631	Cardboard roll of 100 g · 000
BO 5141632	Cardboard roll of 200 g · 000
BO 5141636	Spool of 5 kg · 0
BO 5141602	Spool of 5 kg · 00
BO 5141633	Spool of 5 kg · 000
BO 5141637	Spool of 5 kg · 0000

▶ Special Knife with Blade



For removing already cured adhesive residues · also ideal for separating lead profiles and for cutting resist or other films · the narrow blade allows easy access to gaps · with blade protector

Art. No.	Description
BO 5142000	Special Knife with Blade
BO 5142001	Spare Blades · 10 items

▶ Simplex Knife



Made of aluminium · extra sharp, pointed blade · for screw-on blades · with aluminium handle and protective cover or aluminium handle with plastic coating and protective cover

Art. No.	Handle
BO 3001900	Aluminium handle with protective cover
BO 3001901	Aluminium handle with plastic coating and protective cover
BO 3001902	Spare blades · 100 items

▶ Premium Glass Scraper "Martor"



Metal · with blade protection · plastic handle · exchangeable blades · for loosening hardened UV adhesive residues from glass surfaces · also for hard-to-reach corners · Made in Germany

i Blade width 40 mm



Art. No.	Description
BO 5141000	Glass Scraper
BO 5141001	Personna Spare Blades · 100 items
BO 5141001E	Spare Blades for BO 5141000, BO 5141700 and BO 3002007 · box 10 items

▶ Mini Glass Scraper



For easily removing excess adhesive, labels and other residues · Made of durable plastic · with exchangeable blade

i Width 40 mm

Art. No.	Description
BO 3002007	Mini Glass Scraper
BO 5141001	Personna Spare Blades · 100 items

▶ Spare Blades with Reinforced Back · Premium Line



High quality branded spare blades with reinforced back · Precision grinding for long service life · Each blade wrapped up separately in order to protect ground edges · Suitable, among others, for glass scrapers BO 51411000, BO 5141700, BO 3002007

i Width 40 mm



Art. No.	Description · Sales unit
BO 5141001	Personna Spare Blades · 100 items
BO 5141001E	Spare Blades for BO 5141000, BO 5141700 and BO 3002007 · box 10 items

▶ Dermatril Disposable Gloves



Offering greater protection than conventional Latex disposable gloves · dispensing box

i Chemical protection class cat. III · Performance level according to EN 374 with AQL 0.65 3

Art. No.	Size · Contents
BO 5007516	11 · 100 items
BO 5007510	10 · 100 items
BO 5007519	9 · 100 items
BO 5007520	8 · 100 items

▶ Protective Glasses



UV protective glasses according to EN 170 · grey viewing glasses, scratch-resistant and anti-fog (special anti-fog coating) · scratch-proof · adjustable arms · holding strap

Art. No.	Description
BO 5007613	Protective Glasses

02 | Surface Pre-Treatment

Normal cleaning is not sufficient for some materials in order to ensure optimum bonding strength of the adhesive. Test ink can be used for measuring the surface tension of the bonding surfaces (min. 38 Nm) and for determining whether an additional pre-treatment is required. If a pre-treatment is necessary, there are several systems to choose from. Before using the selected pre-treatment, please make sure that it is suited to the chemical composition of the adhesive used.



Metal Primer

The Bohle metal primer is a liquid coupling agent which improves the adhesion of acrylate adhesives on difficult metal surfaces, such as aluminium, chrome or nickel. After cleaning the metal surface, a thin layer of primer is applied. Allow the primer to cure for 5 minutes, afterwards proceed with the usual bonding process. The metal primer does not impair the visual appearance of the bond.

Please note:

Only suitable for acrylate adhesives (UV adhesives). The metal primer does not improve the adhesion of other adhesives, such as silicones, polyurethanes or epoxy resins. Only for use on metal surfaces, do not use on glass! Not to be used in conjunction with Pyrosil®.

▶ Metal Primer



For improved adhesion on aluminium, chrome or nickel-plated surfaces - for bonding with acrylate adhesives

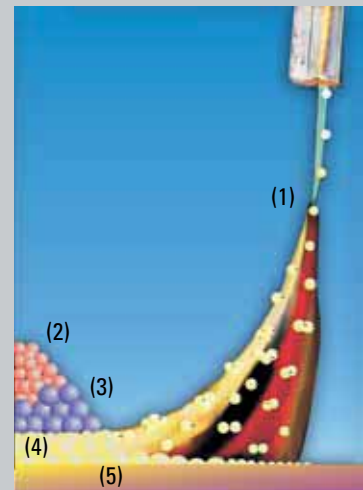
Art. No.	Contents
BO 5209488	100 g
BO 5209489	1000 g



- Clean the metal part with Bohle Special Cleaner (BO 5107910).
- Make sure that no residues remain on the surface after cleaning. Use a clean paper towel for applying the metal primer.
- Apply a thin layer of primer over the entire metal surface and allow it to cure for five minutes.

Pyrosil®

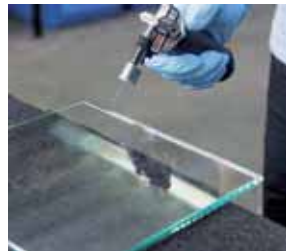
In order to make sure that bonds remain stable even in humid environments (e.g. bathrooms) or on surfaces with a surface tension of less than 38 Nm/m, the Pyrosil® pre-treatment technology has to be used. With the aid of a flame burner, a silicate sinter layer is brought onto the bonding surface. In a second step, the Pyrosil® primer is applied, which reacts with the silicate sinter layer and subsequently also forms a permanent chemical bond with the adhesive when bonding. Such a pre-treated bond is durably protected against moisture infiltration. Sealing the bond is no longer necessary. Many hydrophobic glass surfaces (the surface is water-repellent which impedes the adhesive from being distributed sufficiently) can be converted into hydrophilic (excellent wettability, suitable for bonding) with the Pyrosil® technology. Carry out sample bonds if necessary. Thanks to the Pyrosil® technology, the greatest possible adhesion of UV adhesives on glass or metal surfaces can be achieved, which leads to long lasting durability of demanding bonds, subject to high loads. The surface is treated with the pale-blue part of the flame. The flame should be moved evenly across the bonding surface three to four times. A distance too large or too small can have negative influences on the bonding results.



(1) Gas blend of Si compounds
(2) Adhesive (3) Primer (4) Silicate sinter layer (5) Substrate

Please note:

Suitable for glass/glass and glass/metal bonds. Both bonding surfaces must be pre-treated. After heating the bonding surfaces, always apply the Pyrosil® primer to all bonding surfaces. Only in this way is a successful pre-treatment ensured. If possible, bond immediately after the pre-treatment. Suitable for use with Bohle UV adhesives and the Bohle two-component acrylate adhesive (BO 5500501).



As circumstances require, the Pyrosil® technology is versatile in use ranging from pinpoint application on smallest surfaces up to permanent use in industrial plants. No matter which application you need, Pyrosil® is always easy and comfortable to use. The treated surfaces do not suffer any visual impairments. No waste is generated which needs to be disposed of expensively. The technology does not leave any toxic residues.

▶ Pyrosil® Basic Kit



For improved adhesive strength for UV bonds with high requirements · kit contains a burner with piezoelectric firing, 50 ml bottle of coupling agent, 27.5 g gas refill cartridge · size of flame adjustable · contents are sufficient for pre-treating approx. 3000 cm² of bonding surface · The flame burner is supplied empty.

Art. No.	Description
BO 5209490	Pyrosil® Basic Kit

▶ Pyrosil® Professional Kit



For improved long-term adhesion of challenging bonds. Especially suitable for regular use under industrial conditions, this kit has a larger burner with more contents, robust operating elements and a support base. This kit contains a burner with piezoelectric firing, 2 x 27.5 g gas cartridges, 2 x 50 ml of coupling agent and an application brush. Contents are sufficient to pre-treat approx. 10,000 cm² of bonding surface. · The flame burner is supplied empty.

Art. No.	Description
BO 5209491	Pyrosil® Professional Kit

▶ Pyrosil® Applicator GVE 2



Many types of UV bonds require surface pre-treatment with Pyrosil®. In batch production, however, production intervals are often negatively affected by the use of the silicate sintering technology as cartridges have to be exchanged frequently. Reduce your production intervals by using the Pyrosil® applicator GVE 2. Two Pyrosil® gas cartridges are sufficient for approx. 75 minutes (depending on the type of flame burner). Get all the benefits that Pyrosil® and an effective surface pre-treatment can offer you. · 1 cartridge containing 330 g is sufficient for approx. 15 m². Please note: Gas cartridges BO 5209497/Primer are not included. Please order separately!

Art. No.	Description
BO 5500450	Pyrosil® GVE 2 Applicator

▶ Pyrosil® Primer



Art. No.	Contents
BO 5209494	50 ml
BO 5209498	250 ml
BO 5209499	1000 ml



Pyrosil® Gas Cartridge



Art. No.	Description · For · Productivity
BO 5209495	Gas Cartridge 27.5 g · BO 5209490 · approx. 0.3 m ²
BO 5209496	Gas Cartridge 27.5 g · BO 5209491 · approx. 0.5 m ²
BO 5209497	Gas Cartridge 330 g · BO 5500450 · approx. 15 m ²



Pyrosil® Spare Flame Burner



Art. No.	Description
BO 5500455	Pyrosil® Spare Flame Burner

03 | Positioning and Fixing

During the curing process, the adhesive polymerises and forms a polymer chain. If the bonding parts are fixed insufficiently, the chain might be damaged. This can lead to a loss of strength and the long-term stability of the bond is at risk. The Bohle Verifix® fixing aids protect the bonding parts from vibrations or slipping and thus guarantee the best possible bonding results.



Verifix® Glass Bonding Table

The Verifix® glass bonding table together with the proven fixing aids, the Verifix® Pro angle suction holders for 90° and 45° bonds, is the ideal application for precise and professional glass bonding guaranteeing consistent, high quality results. Bonds which have previously been regarded as problematic can now be carried out easily and safely thanks to the Verifix® glass bonding table and its comprehensive accessories. Challenging applications can be achieved easily and safely thanks to the Verifix® glass bonding table, especially when it comes to complicated 45° mitres. The sturdy UV bonding table features adjustable mitre stops and holding devices for multiple uses; all facilitating the precise positioning of the glass parts towards each other. With the angle suction holders Verifix® Pro, the required layer thickness of both low and medium viscosity adhesives can be applied equally and professionally. The lamp holder positions the UV lamp at the right angle and distance to the bonding surface and guarantees uniform and adequate curing of the UV adhesive. The Verifix® bonding table ensures a previously unheard of level of security of the UV bonding process. This is due to the superior bonding precision and easy handling of the device, as well as well thought-out, repeatable processes guaranteeing a high degree of safety.

▶ Glass Bonding Table



The Verifix® glass bonding table is available in 3 different versions, depending on the accessories. The basic version (BO 5590100) includes the bonding table, a 90° lamp holder, two holding devices and a Verifix® Pro 90° angle suction holder set which enables carrying out 90° bonds safely and easily. The glass bonding table for 45° / 90° bonds (BO 5590200) is ideal for both bonding types. Apart from the basic table, the set contains two lamp holders which are suitable both for 45° mitre bonds and 90° bonds, two holding devices for fixing the glass panes, two 45° mitre stops and a Verifix® Pro 45° angle suction holder set. The Deluxe version (BO 5590300), in addition to the accessories for BO 5590200, includes a Verifix® Pro 90° angle suction holder set and a "Star Light" and a "Long Light XL" UV lamp. This comprehensive set is suitable both for 45° and 90° bonds.

i Length 182 cm · Width 93 cm · Height 90 cm

Art. No.	Version
BO 5590100	Verifix® Glass Bonding Table 90°
BO 5590200	Verifix® Glass Bonding Table 45° / 90°
BO 5590300	Verifix® Glass Bonding Table 45° / 90° Deluxe

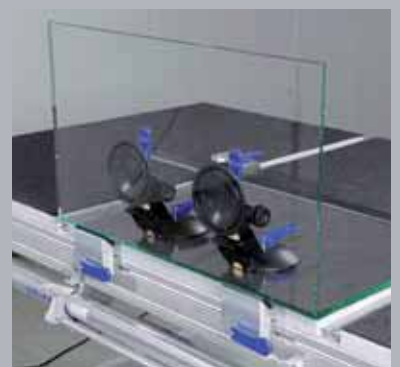
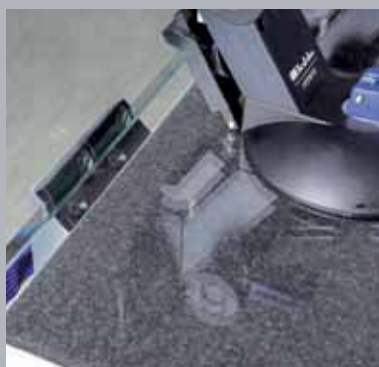
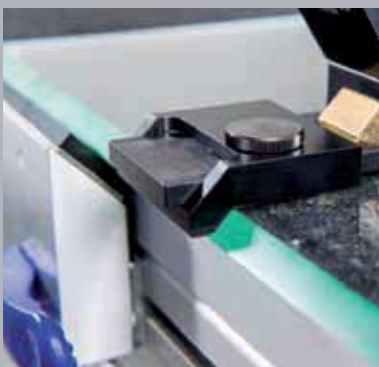
Specifications	BO 5590100	BO 5590200	BO 5590300
Verifix® Basic Glass Bonding Table (BO 5590000)	1 item	1 item	1 item
Verifix® Lamp Holder 90° (BO 5591000)	1 item		
Verifix® Lamp Holder 45° / 90° (BO 5591100)		2 items	2 items
Verifix® Holding Device (BO 5591200)	2 items	2 items	2 items
Verifix® Mitre Stop 45° (tabletop version) (BO 5591300)		2 items	2 items
Verifix® Pro Angle Suction Holder 45° (BO 639.3)		1 Set	1 Set
Verifix® Pro Angle Suction Holder 90° (BO 639.1)	1 Set		1 Set
UVA-Star "Light", 230 volts (BO 5209470)			1 item
UVA-Star "Long Light XL" (BO 5209476)			1 item

Verifix[®] Glass Bonding Table for the Perfect Glass Bond

Mitre stop
For precise 45° mitre bonds



Lamp holder
For positioning a UVA
tube lamp at the
bonding table





Holding device
For fixing glass panes on the bonding table.

Verifix® Pro angle suction holder
For precise positioning

Especially sturdy version

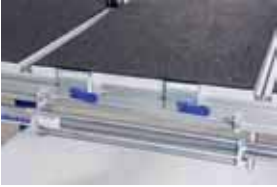
Carrying case
For storing the Verifix® Pro angle suction holders

Legs with height adjustment



Accessories

▶ Verifix® Lamp Holder



For positioning the UVA tube lamp on the bonding table BO 5590000, for 90° bonds and 45° mitre bonds

Art. No.	Description
BO 5591000	Verifix® Lamp Holder 90°
BO 5591100	Verifix® Lamp Holder 45° / 90°
BO 5591400	Verifix® Conversion Set for Lamp Holder from 45° to 90°

▶ Verifix® Holding Device



For fixing glass panes on the bonding table.

Art. No.	Description
BO 5591200	Verifix® Holding Device

▶ Verifix® 45° Mitre Stop (tabletop version)



For use together with Verifix® Pro angle suction holders 45° BO 639.2/3 for 45° mitre bonds.

Art. No.	Description
BO 5591300	Verifix® 45° Mitre Stop (tabletop version)

▶ Angle Suction Holder Verifix® 90° adjustable



For positioning and holding small glass parts · optimised sturdy version!

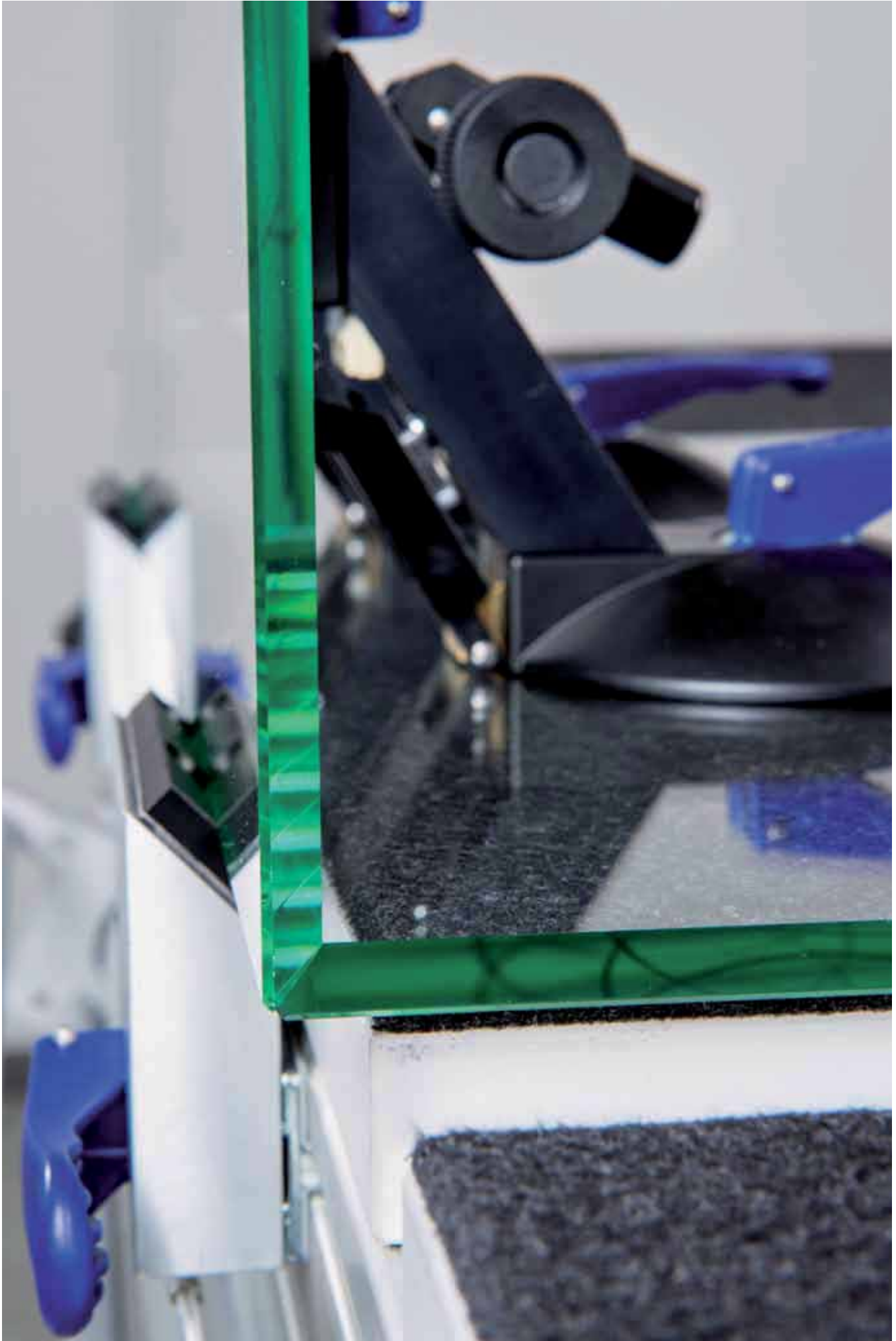
- ① 2 suction pads · Adjustment range height / depth ± 3 mm · Length 94.8 mm
- Width 76 mm · Height 94.9 mm



Please note:

Use fixing aid BO 633.10L in order to adjust the adhesive layer thickness for vertical bonding edges and for stabilising the glass panes.

Art. No.	Description
BO 633.10L	Verifix® Angle Suction Holder, adjustable



The New Generation of Angle Suction Holders

The demands on glass bonds, glass furniture or glass adhesives are constantly increasing. That is why the demands on fixings aids, which those high quality glass objects are constructed with, are also subject to permanent change. In the following section you will find the first products of a new generation of suction holders and fixing aids which lives up to the new demands. They offer plenty of advantages, such as process stability, high quality and the exact adjustment of the bonding gap, which are indispensable for achieving top quality bonds and a safe bonding process.

Maximum Precision and Easy Handling



High Quality Suction Cup
For securely fixing larger glass panes.

High Precision Knurled Screws
For continuously adjusting the necessary bonding gap for optimum thickness of the adhesive layer.

Anodised Aluminium
For high resilience and torsional rigidity

Lever
For lifting the vertical glass pane
In this way medium and high viscosity adhesives can also be processed without difficulty.

Positioning Arm
For precise and repeatable batch production.

Verifix® Pro Angle Suction Holder

Batch production and individual bonding projects

The Verifix® Pro angle suction holder excels due to its high precision and easy handling when doing repetitive bonding work. The Verifix® Pro angle suction holder offers superior protection against vibrations and slipping, both for UV bonds as required in furniture or showcase construction, and for corner and T-joints. Also larger glass panes can be positioned and bonded safely and very precisely by using several angle suction holders at a time. An additional auxiliary device to hold glass panes in the correct position is no longer required.



Exact adjustment within the range of a tenth of a millimetre

The Verifix® Pro angle suction holder is equipped with two suction cups which are perpendicular to each other (diameter 90 mm). High precision knurled screws facilitate exact adjustment within the range of a tenth of a millimetre. The bonding gap, depending on the thickness of the adhesive layer, can be continuously adjusted. This minimises the error rate required for quality high volume production. The heavy duty construction of the suction holder guarantees the highest resilience and reliability - this is of particular importance as far as cost efficiency via short production intervals in glass furniture construction and the glass processing industry are concerned.



"Storable" positions

Handling the Verifix® Pro angle suction holder is surprisingly easy. The new positioning arm is a unique feature of this device. In this way the position of the angle suction holder can be "stored" on horizontal glass panes, which is especially useful for repetitive glass thicknesses in batch production.

Once the glass panes have been fixed in the desired bonding position with the Verifix® Pro angle suction holder, the vertical pane can be lifted for precisely adjusting the gap between the panes using a suitable gauge. In this way the ideal thickness of the adhesive layer can be exactly determined. Additionally, the vertical pane can be lifted by activating a lever, which facilitates applying medium or low viscosity adhesives. Afterwards the pane is slowly lowered into the previously stored position again. The adhesive can now be pre-cured.



» Impressive Details «

- Exact adjustment within the range of a tenth of a millimetre
- "Storable" positions for repeatable batch production
- High quality suction cups for a safe grip
- Lever for lifting the vertical glass pane
- Made in Germany

▶ Angle Suction Holder Verifix® Pro 90°

The Verifix® Pro angle suction holder is a high quality product topping the list of positioning and fixing devices for glass bonding. Especially in the case of UV bonds, as prevailing in glass furniture or showcase construction, Verifix® Pro offers superior protection against vibrations and slipping - both for corner and T joints. - Exact adjustment of the bonding gap (= thickness of adhesive layer) - extremely sturdy

❶ Height 176 mm · Depth 160 mm · Suction pad 110 mm Ø



Art. No.	Description
BO 639.0	Verifix® Pro Angle Suction Holder 90°
BO 639.1	Set with 2 pieces BO 639.0



▶ Angle Suction Holder Verifix® Pro 45°



The Verifix® Pro 45° angle suction holder from the Verifix® product range excels due to its high precision and easy handling, and offers superior protection against vibrations and slipping when doing repetitive UV bonding work. The specific positioning arm is a unique feature of this device. It facilitates a quick and precise positioning of the angle suction holder on any 45° mitre edge, independently from glass thickness. At last, glass panes with 45° mitre edges can be positioned quickly and precisely towards each other with the Verifix® mitre stop BO 639.4 or the glass bonding table with mitre stop BO 5591300. Complicated and laborious adjustment of the glass is no longer necessary. - Exact adjustment of the bonding gap (= thickness of adhesive layer) - extremely sturdy

ⓘ Height 176 mm · Depth 160 mm · Suction pad 110 mm Ø



▼ Note:

Ideal for use in combination with Verifix® Pro angle suction holder 45° (BO 639.2)

Art. No.	Description
BO 639.2	Verifix® Pro Angle Suction Holder 45°
BO 639.3	Set with 2 BO 639.2



▶ Verifix® Mitre Stop



Glass panes with 45° mitre edges can be positioned quickly and precisely towards each other with the Verifix® mitre stop and the Verifix® angle suction holder 45° (BO 639.3). Complicated and laborious adjustment of the glass is no longer necessary.

Please note:

Ideal for use in combination with Verifix® Pro angle suction holder 45° (BO 639.2)

Art. No.	Description
BO 639.4	Set of 2

Accessories

▶ Thickness Gauge 0.05



For use with the low viscosity UV adhesives B 665-0, LV740, LV740VIS, 420VIS. · When positioning the glass pane, a specific gap thickness can be adjusted with the aid of the thickness gauge. This guarantees that the minimum layer thickness of the adhesive is always observed. · Ideal for use together with the Verifix® Pro angle suction holders 90° (BO 639.0/ 639.1) and 45° (BO 639.2/ 639.3).

i Thickness 0.05 mm · Colour blue

Art. No.	Description
SP BT6385	Thickness Gauge 0.05 mm

▶ Thickness Gauge 0.1



For use with the medium viscosity UV adhesives B 690-0, B 678-0, B 682-T, MV760, MV760VIS. · When positioning the glass pane, a specific gap thickness can be adjusted with the aid of the thickness gauge. This guarantees that the minimum layer thickness of the adhesive is always observed. · Ideal for use together with the Verifix® Pro angle suction holders 90° (BO 639.0/ 639.1) and 45° (BO 639.2/ 639.3).

i Thickness 0.1 mm · Colour purple

Art. No.	Description
SP BT6386	Thickness Gauge 0.1 mm

Please note:

Always make sure that the suction pads are protected against damage. Many products are supplied in a practical carrying case. Bohle special cleaner BO 5107910 is suitable for cleaning the suction pads.

Rigid Fixing Devices

A special range of diverse holding devices and aids for systematic glass bonding. Useful for many applications - for example, for positioning when edge bonding.

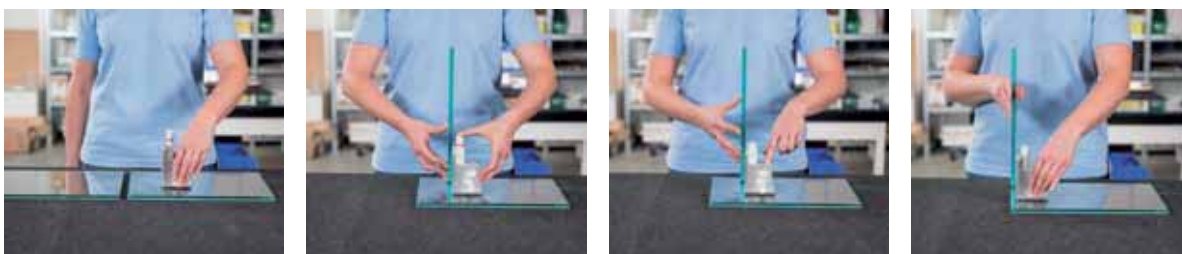
▶ Pump-activated Angle Suction Holder Set Verifix®



VERIFIX

Verifix® Pump-activated Angle Suction Holder Set in Carrying Case · as these positioning aids are mostly used in pairs, they are supplied as a set in a robust case ensuring that your valuable tools are well protected · the angle suction holders are also available separately. · A loss of vacuum is indicated by a red warning ring. The vacuum can be restored by simply pulling the hand pump.

Art. No.	Description
BO 638.9	Verifix® Pump-activated Angle Suction Holder Set
BO 638.0	Verifix® Pump-activated Angle Suction Holder
SP B0881	Vacuum Pump with Check Valve
SP B0187	Sealing Ring for Verifix® Angle Suction Holder



- Fix the pump-activated suction holder on the first glass pane using the lower pump tappet.
- The suction holder becomes attached to the glass through the force of the vacuum and now has the correct position. Now fix the second pane by pressing it against the suction pad while activating the upper pump tappet.
- Then loosen the inferior suction pad by opening the upper venting valve, lift the suction holder together with the attached second glass pane and place it in the desired position.
- Fix the suction holder again by activating the lower pump tappet.



© Foto: Tonelli

▶ Angle Suction Holder Verifix® 90°



Holding and positioning device made of 2 suction discs with special sealing lip · can be finely adjusted to each other · with aluminium guides

i 2 suction pads 120 mm Ø · Adjustment range height / depth +/- 12 mm · Bracket length 200 mm · Plastic arm width 127 mm



Art. No.	Description
BO 630.2	Verifix® Angle Suction Holder 90°
BO 614.03	Spare Suction Pad
SP 6313	Bracket

▶ Angle Suction Holder Verifix® 90°



Holding and positioning device made of 2 suction discs with special sealing lip · can be finely adjusted to each other · with aluminium guides

i 2 suction pads 120 mm Ø · Adjustment range height / depth +/- 12 mm · Bracket length 400 mm · Plastic arm width 280 mm



Art. No.	Description
BO 630.3	Angle Suction Holder Verifix® 90°
BO 614.03	Spare Suction Pad

▶ Angle Suction Holder Verifix® 90° with Brace



Holding and positioning device made of 5 suction discs with special sealing lip · can be finely adjusted to each other · with aluminium guides

i 5 suction pads 120 mm Ø · Adjustment range height / depth +/- 12 mm · Bracket length 650 mm · Plastic arm width 350 mm

Art. No.	Description
BO 630.4	Angle Suction Holder Verifix® 90°
BO 614.03	Spare Suction Pad

▶ Angle Suction Holder Verifix® 90°



For positioning and holding small glass parts · New: optimised sturdy version!

i 2 suction pads · Suction pad 55 mm Ø · Length 75 mm · Width 76 mm · Height 75 mm

Art. No.	Description
BO 633.10	Angle Suction Holder Verifix® 90°
BO 633.12	Bracket for Suction Unit

▶ Angle Suction Holder Verifix® 90° adjustable

VERIFIX



For positioning and holding small glass parts · optimised sturdy version!

- ❶ 2 suction pads · Adjustment range height / depth ± 3 mm · Length 94.8 mm · Width 76 mm · Height 94.9 mm



Please note:

Use fixing aid BO 633.10L in order to adjust the adhesive layer thickness for vertical bonding edges and for stabilising the glass panes.

Art. No.	Description
BO 633.10L	Verifix® Angle Suction Holder, adjustable

▶ Combination Suction/Magnet Holder Verifix® 90°

VERIFIX



With one suction unit and one magnetic unit (heavy-duty, high-performance magnet) · 1 counter plate BO 634.02 is included · always store the magnet with the counter plate attached

- ❶ 1 suction pad 55 mm \varnothing · Glass thickness max. 8 mm · Length 70 mm · Width 55 mm · Height 65 mm



Please note:

Always store the magnets with the counter plates attached. Closing the magnetic circuits extends the service lives of the magnets.

Art. No.	Description
BO 633.3	Verifix® Combination Suction/Magnet Holder 90°
BO 634.02	Verifix® Counter Plate for Verifix® Magnetic Cube
BO 633.21	Verifix® Magnetic Unit without Counter Plate
BO 633.22	Bracket for Magnet Combination

Verifix® Corner Clamp

The Verifix® corner clamps are ideal for brief fixing of glass parts. These clamps can help to keep the glass parts from moving apart, particularly when working with long bonding edges or large objects.

▶ Verifix® Corner Clamp outer · with Adjustable Thrust Pad and Suction Cup

VERIFIX



By using 4 of these BO 635.0 corner clamps, a cabinet or similar object can be positioned quickly · for short-term positioning · for rectangular constructions

- ❶ Suction pad 55 mm \varnothing

Art. No.	Description
BO 635.0	Verifix® Corner Clamp outer

▶ Verifix® Corner Clamp outer · with Adjustable Thrust Pad and Suction Cup



Used to securely hold two glass sheets at 90° to one another

❗ Suction pad 55 mm Ø



Art. No.	Description
BO 635.1	Verifix® Corner Clamp outer

▶ Verifix® Corner Clamp inner · with Adjustable Thrust Pad and Suction Cup



Used for fixing and bonding of two glass sheets at 90° to each other.

❗ Suction pad 55 mm Ø



Art. No.	Description
BO 635.2	Verifix® Corner Clamp inner

Holding Devices

▶ Magnetic Cube Verifix® with two Counter Plates



Heavy-duty magnet · accurate right angles · two lateral hollows allow the cube to be held comfortably · all edges and corners are bevelled · the fixing plates have protective coating to avoid scratches on the glass surface · always store the magnet with the counter plates attached

❗ Length 50 mm · Width 45 mm · Height 45 mm · Glass thickness max. 8 mm



Please note:

Always store the magnets with the counter plates attached. Closing the magnetic circuits extends the service lives of the magnets.

Art. No.	Description
BO 634.0	Verifix® Magnetic Cube
BO 634.01	Verifix® Magnetic Cube without Counter Plates
BO 634.02	Verifix® Counter Plate for Verifix® Magnetic Cube
SP B0940N	Disc Magnet 30 x 5 mm with "N" Countersunk Hole
SP B0940S	Disc Magnet 30 x 5 mm with "S" Countersunk Hole

Flexible and Variable Fixing Devices

Holding parts at awkward angles has been especially problematic in the past. In many cases it was necessary to build corresponding holding templates. The Verifix® angle suction holders from Bohle now enable quick and infinitely adjustable fixing.

Verifix® Adjustable Angle Suction Holders

This flexible system was developed to hold parts at angles other than 90° easily and safely.

▶ Angle Suction Holder Verifix®, infinitely adjustable



Positioning aid with special sealing lip · suction pads can be finely adjusted to each other · sturdy plastic arms are 194 mm long and are connected to each other by a fixable joint

i 2 suction pads 120 mm Ø · Adjustment range 45 - 300 ° · Adjustment range height / depth +/- 12 mm

Art. No.	Description
BO 631.1	Angle Suction Holder Verifix®, infinitely adjustable
BO 614.03	Spare Suction Pad

▶ Verifix® Angle Suction Holder, infinitely adjustable



Very robust model with twin suction unit and suction pads with special sealing lip · suction pads can be finely adjusted to each other · the sturdy plastic arms are 194 mm long and are connected to each other by a fixable joint

i 4 suction pads 120 mm Ø · Adjustment range 45 - 300 ° · Adjustment range height / depth +/- 12 mm

Art. No.	Description
BO 631.2	Verifix® Angle Suction Holder, infinitely adjustable
BO 614.03	Spare Suction Pad

Verifix® Eccentric Suction Stoppers

Verifix® eccentric suction stoppers are ideal for many tasks for shop and interior decoration. Application possibilities are practically unlimited. The eccentric suction stoppers are indispensable, especially when it comes to bonding shelves into showcases or positioning shelves.

▶ Verifix® Eccentric Suction Stopper

VERIFIX



An eccentric stopper roller is attached to the suction holder, a turning handle enables exact positioning and adjustment · suitable for all smooth materials like glass, plastic, metal, coated wood and marble

i Suction pad ø 120 mm · Adjustment range 8 mm



Art. No.	Description · For
BO 637.0	Verifix® Eccentric Suction Stopper
SP B0605	Trigger Pin
SP B0610	Pressure Spring
SP 6160	Washer for Lever-activated Suction Lifter
BO 614.0BL	Spare Suction Pad · BO 603.0BL / BO 602.0BL / BO 602.4BL

▶ Eccentric Suction Stopper Verifix®

VERIFIX



Eccentrically arranged, flat plastic disc · integrated suction pad · suitable for use when bonding floors or shelves in display cabinets · can be used individually or in pairs as precisely adjustable straight edge holder

i Height 20 mm · Adjustment range 6 mm



Art. No.	Inside · Outside · Description
BO 637.1	55 mm Ø · 70 mm Ø
BO 637.5	Spare Suction Pad

▶ Verifix® Eccentric Suction Stopper

VERIFIX



Eccentrically arranged, flat plastic disc · suitable for small parts for universal adjusting of sheet-type materials · ideal for use when bonding floors or shelves in display cabinets · can be used individually or in pairs as precisely adjustable straight edge holder.

i Height 20 mm · Adjustment range 6 mm

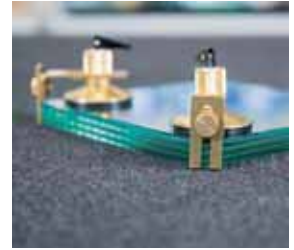
Art. No.	Inside · Outside · Description
BO 637.2	36.5 mm Ø · 47.5 mm Ø
BO 637.6	Spare Suction Pad for BO 637.2
SP 5280.55	Rubber Coated Iron Plate with Naps

▶ Fixing Aid and Straight Edge Holder



For multi-layered bonding, e.g. two-component silicone adhesive. The adjustable holder is fastened by means of a suction pad to the corners of the glass panes. Rectangular glass sheets require a minimum of 3 units.

ⓘ Height 75 mm · Diameter 55 mm



Art. No.	Description · Version
BO 670.1	Straight Edge Holder · adjustable

Verifix® Clamping Device

These rotating holding devices can be used in a wide range of applications. They are optimally suited to build display cabinets, fish tanks or other glass cubes and are therefore indispensable when constructing glass furniture.

▶ Verifix® Clamping Device

VERIFIX



Two forked endpieces which rotate 360° with connecting profile and plastic pressure screws for locking into place · particularly suitable for special aquarium construction

ⓘ Glass thickness 3 - 10 mm



Art. No.	Glass thickness
BO 636.0	3 - 10 mm

▶ Verifix® Clamping Device

VERIFIX



Two forked endpieces which rotate 360° with connecting profile and plastic pressure screws for locking into place · particularly suitable for special aquarium construction · for thicker glass sheets

ⓘ Glass thickness 6 - 19 mm



Art. No.	Glass thickness
BO 636.1	6 - 19 mm



© Foto: Tonelli

04 | Adhesives

The selection of the correct adhesive depends on the combination of materials, the ambient conditions and the required load capacity. Apart from low viscosity adhesives with good capillary action, medium viscosity, impact resistant or elastic adhesives are also available. Features such as moisture resistance and a protection against yellowing form part of the latest state of the art products. As a basic principle, the applied adhesive layer should be of a sufficient thickness to ensure the maximum strength and load capacity of the bond. Bohle offers all medium viscosity UV adhesives also with "spacers". "Spacers" are a specific filling material which is added to the adhesive and guarantees that the minimum thickness of the adhesive layer is reached. In addition, when using the Verifix® fixing aids, Bohle also offers appropriate thickness gauges for adjusting the desired layer thickness.



Silicone Adhesives

The term "glass bonding" is usually used to mean working with UV curing adhesives. However, the following product range proves that other adhesives also have many applications when bonding glass.

▶ 2 K Silicone Verifix®



VERIFIX



Bohle has developed the Verifix® two-component silicone adhesive especially for bonding glass surfaces. The product is ideal for use on mouth-blown and flashed glass, rolled stained glass or fusing glass, and of course for perfectly transparent, bubble-free float glass bonds. Supporting panes such as door panels, all-glass doors or partitions can be bonded on their entire surfaces. Single smaller objects can be bonded to a larger surface in one go. The bothersome weighing of compound components is no longer required as the product can be mixed in a 1:1 ratio - only a single measuring cup is needed. In addition, the mixed silicone does not require vacuum degassing. Larger sizes on request. Suitable for exterior applications, waterproof, UV-stable, yellowing resistant, permanently elastic.

Art. No.	Contents
BO 5500510	1 kg
BO 5500513	5 kg
BO 5500516	50 kg

▶ Coupling Agent Set for Verifix® 2 K Silicone



The set includes a 90 ml bottle of primer and a 10 ml bottle of catalyser. Mix the contents of both bottles before use. For this purpose pour the contents of the small "catalyser" bottle into the large "primer" bottle and then shake it for about 30 seconds. The coupling agent is now ready for use and has a service life of approx. 1 month. It is needed to improve the adhesion of the two-component silicone on the glass surface.

i Contents 90 ml primer + 10 ml catalyser

Art. No.	Description · Contents
BO 5500518	Coupling Agent Set · 90 ml primer + 10 ml catalyser

1. Areas of Application

- Surface bonding
- For interior and exterior use
- Surface bonds subject to high humidity

2. Suitable Bonding Materials

- Glass/glass

Verifix® two-component silicone was exclusively developed for glass/glass surface bonds! It is not suitable for other material combinations. The coupling agent was especially developed for glass and does not adhere on other materials.

3. General Information

Use a plastic (supplied) or glass measuring cup for mixing the Verifix® two-component silicone and a glass stirrer. Contact with metals, alkaline materials and rubber (also rubber gloves) must be avoided under all circumstances. They can cause curing problems of the Verifix® two-component silicone. The recommended curing temperature is 20°C. The pot life has a duration of approx. 2 hours. Lower temperatures slow down the curing process, higher temperatures speed it up. The product should not be processed at temperatures below 15°C. The coupling agent is a yellowish liquid. However, this does not influence the visual appearance of the bond.

Temperature °C	13	20	27	34
Pot life h	4	2	1	0.5

4. Usage Guidelines for Primer

- Pour the complete contents of the small "Primer Catalyst" glass bottle into the big "Primer" bottle.
- Shake the big bottle for approx. 30 seconds in order to mix both materials.
- Then the primer is ready for use and can be applied straight away.
- For minimum shelf life, please see the labels on the bottles. The readily mixed coupling agent has a shelf life of 1 month if kept properly (cool, dry, dark) in sealed original packaging.

Both bonding surfaces must be pre-treated with primer. The primer must be applied in sufficient amount. Use a cotton wool pad for application. Thoroughly soak the cotton wool pad with primer. Apply a generous layer of coupling agent. Apply the coupling agent crosswise in order to make sure that it is evenly distributed over the entire bonding surface. If the applied layer is too thin, this can negatively affect the adhesion of the silicone.

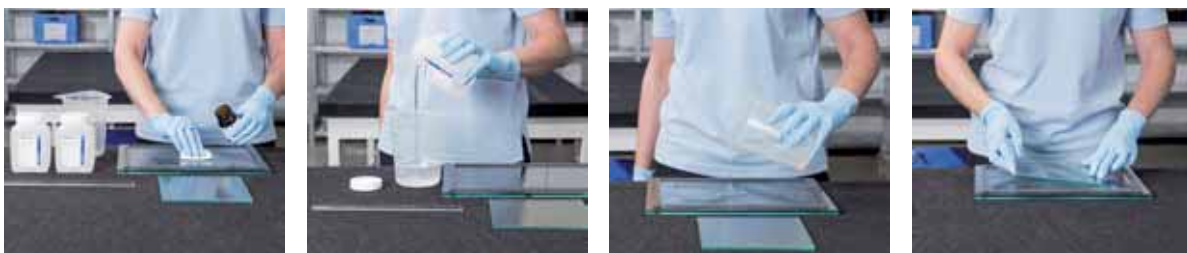
After the primer has been applied, a uniform, closed film must form. This is easily visible. As soon as the silicone adhesive is applied, the coating will become clear again. The appearance will not be adversely affected by the thickness of the primer coating (no white streaks or similar impairments). Be careful that no fuzz or lint is left on the surface of the primer.

5. Application

If possible process Verifix® two-component silicone in a dust-free room, using lint-free cleaning cloths (e. g. B05141604) for preliminary cleaning.

- Clean the bonding surfaces with Bohle special cleaner (BO 5107910).
- Generously apply the coupling agent on both bonding surfaces and distribute it evenly (an impregnated cotton pad is suitable).
Please note: Verifix® two-component silicone only adheres to surfaces which have been pre-treated with coupling agent! Allow the coupling agent to cure for at least 15 minutes.
- Mix the required amount of Verifix® two-component silicone in a 1:1 ratio. It is sufficient to stick to the measuring cup scale, weighing with a digital scale is not necessary. Mix both components during approx. 5 minutes, until the material is streak-free. After stirring, pour Verifix® two-component silicone on one of the two bonding surfaces. Be aware of the curing time of the primer.
- Wait approximately 15 - 30 minutes until the bubbles have completely escaped from the Verifix® two-component silicone. The thicker the layer is, the longer the air bubbles will take to escape.
- Then place the bonding part (or parts) into Verifix® two-component silicone and secure it (them) against slipping.
- Verifix® two-component silicone will set solidly in approximately 12 hours (vertical stress-free storage is possible from this point in time) and be completely cured after approximately 72 hours. The setting process can be accelerated by higher temperatures. Temperature impact on curing speeds (setting to solid state):

Temperature °C	10	20	30	40	50	60	70
Time h	28	12	6	3	1.5	1	0.75



Technical data	Component A	Component B
Viscosity	3000 - 6000 mPa*s.	3000 - 6000 mPa*s.
Colour	clear	clear
Specific weight	approx. 1.02 g/cm ³	approx. 1.02 g/cm ³
Mixing ratio	1	1

Mixed adhesive

Viscosity	3000 - 6000 mPa*s.
Pot life	approx. 120 minutes at a temperature of 20°C
Vulcanisation time/set	at 20°C = approx. 12 hours
Final strength	after approx. 3 days

Consumption with 1 mm layer thickness = 1 m² bonding surface = 1 kg mixed adhesive

Storage: Store cool and dry in original packaging, see bottle imprint.

Vulcanised adhesive

Specific weight	1.02 g/cm ³
Tensile strength	3 - 5 N/mm ² (DIN 53 504)
Shear strength	100 - 200 % (DIN 53 504)
Shore A hardness	40 - 50
Refractive index	1.409 nD (25°C)
Temperature range	-40 to 180°C



Accessories

▶ Measuring Cup



This plastic measuring cup is suitable for mixing the Verifix® 2K silicone adhesive.

i With Scale

Art. No.	Description
BO 5500521	Measuring Cup 100 ml
BO 5500522	Measuring Cup 400 ml

▶ Stopcock for 50 kg Container



For dispensing silicone from the 50 kg container (BO 5500516).

i Size 2 "

Art. No.	Description
BO 5500519	Stopcock for 50 kg Container

▶ Cotton Pads



Pure cotton pads

Art. No.	Length · Width · Contents
BO 5052065	8 cm · 10 cm · 20 items

▶ Special Knife with Blade



For removing already cured adhesive residues · also ideal for separating lead profiles and for cutting resist or other films · the narrow blade allows easy access to gaps · with blade protector

Art. No.	Description
BO 5142000	Special Knife with Blade
BO 5142001	Spare Blades · 10 items

▶ Dermatril Disposable Gloves



Offering greater protection than conventional Latex disposable gloves · dispensing box

i Chemical protection class cat. III · Performance level according to EN 374 with AQL 0.65 3

Art. No.	Size · Contents
BO 5007516	11 · 100 items
BO 5007510	10 · 100 items
BO 5007519	9 · 100 items
BO 5007520	8 · 100 items

▶ Bohle Special Cleaner



Ideal for preliminary cleaning prior to glass bonding or sealing. The Bohle Special Cleaner cleans and degreases glass, metal, ceramic and rubber. The special composition of the cleaner ensures very thorough cleaning.
· Particularly suitable for use with UV adhesives.

Art. No.	Contents · incl.
BO 5107910	Atomiser, refillable 250 ml · Spray Head
BO 5107911	Refill 1 litre
BO 5107912	Refill 27 litres

▶ Premium Glass Scraper "Martor"



Metal · with blade protection · plastic handle · exchangeable blades · for loosening hardened UV adhesive residues from glass surfaces · also for hard-to-reach corners · Made in Germany

i Blade width 40 mm



Art. No.	Description
BO 5141000	Glass Scraper
BO 5141001	Personna Spare Blades · 100 items
BO 5141001E	Spare Blades for BO 5141000, BO 5141700 and BO 3002007 · box 10 items



Spacer Tape without Backing Film



Self-adhesive on one side · on rolls · time-saving because it can be applied directly from the roll without having to peel off any film · Made in Germany

Art. No.	Width · Thickness · Length · Packaging unit · Colour
BO 5006203	6 mm · 2 mm · 25 m · 250 m · white
BO 5006208	6 mm · 2 mm · 25 m · 250 m · black
BO 5006303	6 mm · 3 mm · 25 m · 250 m · white
BO 5006308	6 mm · 3 mm · 25 m · 250 m · black
BO 5006403	6 mm · 4 mm · 25 m · 250 m · white
BO 5006408	6 mm · 4 mm · 25 m · 250 m · black
BO 5006503	6 mm · 5 mm · 25 m · 250 m · white
BO 5006508	6 mm · 5 mm · 25 m · 250 m · black
BO 5009203	9 mm · 2 mm · 25 m · 250 m · white
BO 5009208	9 mm · 2 mm · 25 m · 250 m · black
BO 5009303	9 mm · 3 mm · 25 m · 250 m · white
BO 5009308	9 mm · 3 mm · 25 m · 250 m · black
BO 5009403	9 mm · 4 mm · 25 m · 250 m · white
BO 5009408	9 mm · 4 mm · 25 m · 250 m · black
BO 5009503	9 mm · 5 mm · 10 m · 100 m · white
BO 5009508	9 mm · 5 mm · 10 m · 100 m · black
BO 5012203	12 mm · 2 mm · 25 m · 250 m · white
BO 5012208	12 mm · 2 mm · 25 m · 250 m · black
BO 5012303	12 mm · 3 mm · 25 m · 250 m · white
BO 5012308	12 mm · 3 mm · 25 m · 250 m · black
BO 5012403	12 mm · 4 mm · 25 m · 250 m · white
BO 5012408	12 mm · 4 mm · 25 m · 250 m · black



© Foto: Milici Studios



Verifix® 2K Acrylate Adhesive



VERIFIX



This adhesive enables crystal clear bonds of different materials like glass, many metals and some plastics. It can bridge bonding gaps up to a maximum of 0.5 mm.

Caution: If a large amount of adhesive is processed at one time, it will become hot.

Set offer: Save money when buying adhesives in a set! · Test non-standard bonds (stone, wood, etc.) beforehand

i Processing time 30 sec. · Final stability 8 h · Temperature range -30 to +100 ° · Shear strength: 17 MPa · Peel strength 25 N/mm

Heat sensitive product!

Storage in the fridge extends shelf life.

Art. No.	Description · Set
BO 5500501	Verifix® 2K Acrylate Adhesive
BO 5500504	2x Verifix® 2K Acrylate Adhesive, 2 x mixer nozzle, 1 applicator

Accessories



Applicator



Suitable for cartridges BO 5500501 and BO 5500506. For easy application of two-component structural adhesives.

Art. No.	Description
BO 5500502	Applicator
BO 5500503	Mixer nozzles, 10 items



Properties of Adhesives at a Glance

Specifications	BO 5500501	BO 5500506
Moisture resistance:	no	yes
UV stability	yes	no
Colour:	crystal clear	off-white
Final consistency	very hard	very hard
Impact resistant:	yes	yes
Compensation of tension:	very good	very good
Shear strength:	17 N/mm ²	14 N/mm ²
Processing stability	approx. 2 min.	30 min.
Final stability	8 h	24 h
Max. allowable continuous temperature:	-30 - +100 °C	-55 - +100 °C
Peel strength	25 N/mm	
Pot life	0.5 min.	13 min.
Elongation at break		65 %
Hardness (Shore D)		60
Shear strength:		14 MPa
Processing time		30 sec.



Possible Bonds

Specifications	BO 5500501	BO 5500506
glass/glass	yes	yes
Glass/metal	yes	yes
Tempered glass/tempered glass	yes	yes
Glass/stone	limited	limited
Glass/wood	limited	limited
Laminated safety glass/glass	yes	yes
Laminated safety glass/laminated safety glass	yes	yes
Laminated safety glass/stone	limited	limited
Laminated safety glass/wood	limited	limited
Laminated safety glass/metal	yes	yes
Laminated safety glass/tempered glass	yes	yes
Glass/plastic	limited	limited
Laminated safety glass/plastic	limited	limited
Plastic/plastic	limited	limited
Plastic/metal	limited	limited
Plastic/tempered glass	limited	limited



© Foto: Fiam Italia S.p.A.

UV Curing Adhesives

With specially developed properties, UV curing adhesives are suitable for durable, stable bonds for many different materials such as glass/glass or glass/metal. For this purpose, Bohle has developed a large range of UV adhesives and is known today as one of the technology leaders in glass bonding.

▶ UV Adhesive Verifix® MV 760 !

VERIFIX



Due to its outstanding properties, the UVA curing adhesive Verifix® MV 760 is extremely versatile and therefore ideal for glass/metal and glass/glass bonds. Verifix® MV 760 is mainly used for constructions that are subject to high static or dynamic forces. Its high elongation at break compensates for the expansion of different bonded materials without loss of adhesion.

i Viscosity: medium 1500 mPas · Shear strength: 25 MPa · Bondline gap: 0.08 - 0.5 mm · Max. allowable continuous temperature: 70 °C · Temperature range: -40 - +120 °C · Colour: crystal clear · Capillary characteristics: none · Compensation of tension: limited · Impact resistant: yes · Suitable for use with activator: no · Vibration absorbing: yes · Moisture resistance: yes · UVA curing: yes · Light curing: no · Construction: open and closed

Art. No.	Contents
BO MV7601K	1000 g
BO MV76025	250 g
BO MV76010	100 g
BO MV76002	20 g

▶ UV Adhesive Verifix® MV 760 Spacers ! E

VERIFIX



The spacers added to the Verifix® MV 760 adhesive guarantee that the required minimum adhesive layer thickness is reached. This makes sure that, when bonding very heavy glass parts, sufficient adhesive is distributed between the bonding parts. Depending on the bonding process, this method has also proven useful when bonding metal in order to maintain the minimum adhesive layer thickness. The spacers do not interfere with the technical properties of the adhesive. Please read the supplied processing guidelines carefully. If you have any questions, our application technicians will be happy to assist you.

i Viscosity: medium 1500 mPas · Shear strength: 25 MPa · Bondline gap: 0.08 - 0.5 mm · Max. allowable continuous temperature: 70 °C · Temperature range: -40 - +120 °C · Colour: crystal clear · Capillary characteristics: none · Compensation of tension: limited · Impact resistant: yes · Suitable for use with activator: no · Vibration absorbing: yes · Moisture resistance: yes · UVA curing: yes · Light curing: no · Construction: open and closed

Art. No.	Contents · Description
BO MV7601KS	1000 g · with Spacers
BO MV76025S	250 g · with Spacers



UV Adhesive Verifix® MV 760VIS



VERIFIX



The UVA and light curing adhesive MV 760VIS is suitable for universal applications due to its adhesive properties. It is therefore ideal for glass/metal and glass/glass bond. This adhesive is mainly used for glass constructions subject to high static or dynamic forces. Important: Verifix® MV 760 VIS is particularly appropriate for bonding laminated safety glass/laminated safety glass and laminated safety glass/metal.

i Viscosity: medium 1500 mPas · Shear strength: 25 MPa · Bondline gap: 0.08 - 0.5 mm · Max. allowable continuous temperature: 70 °C · Temperature range: -40 bis +120 °C · Colour: crystal clear · Capillary characteristics: none · Compensation of tension: limited · Impact resistant: yes · Suitable for use with activator: no · Vibration absorbing: yes · Moisture resistance: yes · UVA curing: yes · Light curing: yes · Construction: open and closed

Art. No.	Contents
BO MV76V1K	1000 g
BO MV76V25	250 g
BO MV76V10	100 g



UV Adhesive Verifix® MV 760VIS Spacers



VERIFIX



The spacers added to the Verifix® MV 760VIS adhesive guarantee that the required minimum adhesive layer thickness is reached. This makes sure that, when bonding very heavy glass parts, sufficient adhesive is distributed between the bonding parts. Depending on the bonding process, this method has also proven useful when bonding metal in order to maintain the minimum adhesive layer thickness. The spacers do not interfere with the technical properties of the adhesive. Please read the supplied processing guidelines carefully. If you have any questions, our application technicians will be happy to assist you. Important: Verifix® MV 760 VIS is particularly appropriate for bonding laminated safety glass/laminated safety glass and laminated safety glass/metal.

i Viscosity: medium 1500 mPas · Shear strength: 25 MPa · Bondline gap: 0.08 - 0.5 mm · Max. allowable continuous temperature: 70 °C · Temperature range: -40 - +120 °C · Colour: crystal clear · Capillary characteristics: none · Compensation of tension: limited · Impact resistant: yes · Suitable for use with activator: no · Vibration absorbing: yes · Moisture resistance: yes · UVA curing: yes · Light curing: yes · Construction: open and closed

Art. No.	Contents
BO MV76V25S	250 g



UV Adhesive Verifix® LV 740



VERIFIX



Due to its excellent capillary action, this UVA curing adhesive is exceptionally suitable for glass/glass and tempered glass/tempered glass bonds. This adhesive is used when looks are extremely important, e.g. in the construction of display cabinets, glass furniture, etc. The main areas of application are objects or glass constructions subject to static as well as dynamic forces. Reduced clean-up time means that production cycles can be done quickly and efficiently.

i Viscosity: low 80 mPas · Shear strength: 17 MPa · Bondline gap: 0.04 - 0.2 mm · Max. allowable continuous temperature: 70 °C · Temperature range: -40 - +120 °C · Colour: crystal clear · Capillary characteristics: very good · Compensation of tension: limited · Impact resistant: no · Suitable for use with activator: no · Vibration absorbing: limited · Moisture resistance: yes · UVA curing: yes · Light curing: no · Construction: open and closed

Art. No.	Contents
BO LV7401K	1000 g
BO LV74025	250 g
BO LV74010	100 g
BO LV74002	20 g



UV Adhesive Verifix® LV 740VIS



VERIFIX



Due to its excellent capillary action, this UVA and light curing adhesive is ideal for bonding glass to glass, tempered to tempered glass, laminated safety to laminated safety glass and all float/tempered/laminated safety glass combinations. This adhesive is used when looks are extremely important, e.g. in the construction of display cabinets, glass furniture, etc. The main areas of application are objects or glass constructions subject to static as well as dynamic forces. Reduced clean-up time means that production cycles can be done quickly and efficiently. Please note: Its special composition makes Verifix® LV 740VIS particularly suitable for laminated safety to laminated safety glass bonds.

i Viscosity: low 80 mPas · Shear strength: 17 MPa · Bondline gap: 0.04 - 0.2 mm · Max. allowable continuous temperature: 70 °C · Temperature range: -40 - +120 °C · Colour: crystal clear · Capillary characteristics: very good · Compensation of tension: limited · Impact resistant: no · Suitable for use with activator: no · Vibration absorbing: limited · Moisture resistance: yes · UVA curing: yes · Light curing: yes · Construction: open and closed

Art. No.	Contents
BO LV74V1K	1000 g
BO LV74V25	250 g
BO LV74V10	100 g



UV Adhesive Verifix® B 665-0

VERIFIX



This UVA curing adhesive displays very good capillary properties. It is particularly suitable for bonding glass to glass. The adhesive's low viscosity makes time-consuming reworking unnecessary, so that it can be applied rapidly and economically. · Please note: The Bohle UV adhesive 665 is not suitable for tempered glass!

i Viscosity: low 80 mPas · Shear strength: 23 MPa · Bondline gap: 0.04 - 0.2 mm · Max. allowable continuous temperature: 50 °C · Temperature range: -40 - +120 °C · Colour: crystal clear · Capillary characteristics: very good · Compensation of tension: no · Impact resistant: no · Suitable for use with activator: no · Vibration absorbing: no · Moisture resistance: no · UVA curing: yes · Light curing: no · Construction: open and closed

Art. No.	Contents
BO 5209324	1000 g
BO 5209321	250 g
BO 5209300	100 g
BO 5209327	20 g



UV Adhesive Verifix® B 682-T



VERIFIX



Due to its very high final strength, this UVA curing adhesive is particularly suitable for statically and dynamically demanding bonds. Glass/metal bonds work particularly well with this adhesive. When the Bohle UV activator LF (BO 5209365 / BO 5209367) is used, the Verifix® B 682-T adhesive is able to cure without UV light (e.g. for coloured glass, laminated safety glass/metal bonds, etc.). When using the activator, the yellowing of the bond cannot be ruled out.

i Viscosity: medium 900 mPas · Shear strength: 26 MPa · Bondline gap: 0.09 - 0.5 mm · Max. allowable continuous temperature: 50 °C · Temperature range: -40 - +140 °C · Colour: transparent · Capillary characteristics: none · Compensation of tension: limited · Impact resistant: yes · Suitable for use with activator: yes · Vibration absorbing: yes · Moisture resistance: no · UVA curing: yes · Light curing: no · Construction: open and closed

Art. No.	Contents
BO 5209396	1000 g
BO 5209395	250 g
BO 5209394	100 g
BO 5209393	20 g



VERIFIX



The spacers added to the Verifix® 682-T adhesive guarantee that the required minimum adhesive layer thickness is reached. This makes sure that, when bonding very heavy glass parts, sufficient adhesive is distributed between the bonding parts. Depending on the bonding process, this method has also proven useful when bonding metal in order to maintain the minimum adhesive layer thickness. The spacers do not interfere with the technical properties of the adhesive. Please read the supplied processing guidelines carefully. If you have any questions, our application technicians will be happy to assist you.

ⓘ Viscosity: medium 900 mPas · Shear strength: 26 MPa · Bondline gap: 0.09 - 0.5 mm · Max. allowable continuous temperature: 50 °C · Temperature range: -40 - +140 °C · Colour: transparent · Capillary characteristics: none · Compensation of tension: limited · Impact resistant: yes · Suitable for use with activator: yes · Vibration absorbing: yes · Moisture resistance: no · UVA curing: yes · Light curing: no · Construction: open and closed

Art. No.	Contents · Description
BO 5209396S	1000 g · with Spacers
BO 5209395S	250 g · with Spacers



This activator allows the curing of Verifix® B 682-T UV adhesive where it is not possible under normal circumstances using UVA radiation, e.g. with coloured glass, screen printed glass, laminated safety glass, metal/metal bonds, etc. When activator is used, slight yellowing of the bond can occur. · Using an additional UV lamp is not required. · Shelf life: 6 months

Please note:
Air sensitive product!
Always close bottle immediately after use.

Art. No.	Contents
BO 5209365	9 ml
BO 5209367	50 ml

▶ UV Adhesive Verifix® B 678-0 Lamifix

VERIFIX



Due to its elasticity, this UVA and light curing adhesive is ideal for bonding many different material combinations. It excels due to its high vibration absorption within the bonding joint. Especially interesting, however, is its suitability for bonding laminated safety glass. Lamifix adhesive is ideal for bonding laminated safety glass to laminated or ordinary glass within a closed system.

i Viscosity: medium 600 mPas · Shear strength: 9 MPa · Bondline gap: 0.06 - 0.3 mm · Max. allowable continuous temperature: 50 °C · Temperature range: -40 - +100 °C · Colour: crystal clear · Compensation of tension: very good · Impact resistant: no · Suitable for use with activator: no · Vibration absorbing: high · Moisture resistance: yes · UVA curing: yes · Light curing: yes · Construction: closed · Viscoelastic properties: elastic

Art. No.	Contents
BO 5209362	1000 g
BO 5209360	85 g

▶ UV Adhesive Verifix® B 678-0 Lamifix Spacers



VERIFIX



The spacers added to the Verifix® 678-0 adhesive guarantee that the required minimum adhesive layer thickness is reached. This makes sure that, when bonding very heavy glass parts, sufficient adhesive is distributed between the bonding parts. Depending on the bonding process, this method has also proven useful for surface bonding in order to maintain the minimum adhesive layer thickness. The spacers do not interfere with the technical properties of the adhesive. Please read the supplied processing guidelines carefully. If you have any questions, our application technicians will be happy to assist you.

i Viscosity: medium 600 mPas · Shear strength: 9 MPa · Bondline gap: 0.06 - 0.3 mm · Max. allowable continuous temperature: 50 °C · Temperature range: -40 - +100 °C · Colour: crystal clear · Compensation of tension: very good · Impact resistant: no · Suitable for use with activator: no · Vibration absorbing: high · Moisture resistance: yes · UVA curing: yes · Light curing: yes · Construction: closed · Viscoelastic properties: elastic

Art. No.	Contents · Description
BO 5209362S	1000 g · with Spacers



UV Adhesive Verifix® B 690-0

VERIFIX



Due to its exceptional elasticity, this UVA curing adhesive is ideal for bonding different material combinations and surfaces of up to 1 m².

i Viscosity: medium 600 mPas · Shear strength: 9 MPa · Bondline gap: 0.06 - 0.3 mm · Max. allowable continuous temperature: 50 °C · Temperature range: -40 - +100 °C · Colour: crystal clear · Compensation of tension: very good · Impact resistant: no · Suitable for use with activator: no · Vibration absorbing: high · Moisture resistance: yes · UVA curing: yes · Light curing: no · Construction: closed · Viscoelastic properties: elastic

Art. No.	Contents
BO 5209372	1000 g
BO 5209370	85 g



UV Adhesive Verifix® B 690-0 Spacers



VERIFIX



The spacers added to the Verifix® B 690-0 adhesive guarantee that the required minimum adhesive layer thickness is reached. This makes sure that, when bonding very heavy glass parts, sufficient adhesive is distributed between the bonding parts. Depending on the bonding process, this method has also proven useful for surface bonding in order to maintain the minimum adhesive layer thickness. The spacers do not interfere with the technical properties of the adhesive. Please read the supplied processing guidelines carefully. If you have any questions, our application technicians will be happy to assist you.

i Viscosity: medium 600 mPas · Shear strength: 9 MPa · Bondline gap: 0.06 - 0.3 mm · Max. allowable continuous temperature: 50 °C · Temperature range: -40 - +100 °C · Colour: crystal clear · Compensation of tension: very good · Impact resistant: no · Suitable for use with activator: no · Vibration absorbing: high · Moisture resistance: yes · UVA curing: yes · Light curing: no · Construction: closed · Viscoelastic properties: elastic

Art. No.	Contents · Description
BO 5209372S	1000 g · with Spacers



UV Adhesive Verifix® 420VIS



VERIFIX



This medium-viscosity, UVA and light curing adhesive was especially developed for bonding thermoplastic plastics. It facilitates strong, flexible and crystal clear bonds together with short curing times. The adhesive is also suitable for bonding plastic to glass or metal. A reduced cleaning effort offers the possibility of quick and efficient production cycles.

i Viscosity: medium 300 mPas · Shear strength: 6 MPa · Bondline gap: 0.07 - 02 mm · Max. allowable continuous temperature: 50 °C · Temperature range: -55 - +120 °C · Colour: crystal clear · Capillary characteristics: limited · Compensation of tension: very good · Impact resistant: no · Suitable for use with activator: no · Vibration absorbing: yes · Moisture resistance: no · UVA curing: yes · Light curing: yes · Construction: closed

Art. No.	Contents
BO 420VI1K	1000 g
BO 420VI25	250 g
BO 420VI10	100 g



UV Adhesive Set



i Packaging unit 5 bottles · Contents each 20 g · Colour: red - green - yellow - blue - black

Art. No.	Description
BO 5209331	UV Adhesive Set



Properties of Adhesives at a Glance

Specifications	MV 760	MV 760VIS	LV 740	LV 740VIS
Viscosity:	medium 1500 mPas	medium 1500 mPas	low 80 mPas	low 80 mPas
Shear strength:	25 MPa	25 MPa	17 MPa	17 MPa
Bondline gap:	0.08 - 0.5 mm	0.08 - 0.5 mm	0.04 - 0.2 mm	0.04 - 0.2 mm
Max. allowable continuous temperature:	70 °C	70 °C	70 °C	70 °C
Temperature range:	-40 - +120 °C	-40 - +120 °C	-40 - +120 °C	-40 - +120 °C
Colour:	crystal clear	crystal clear	crystal clear	crystal clear
Capillary characteristics:	none	none	very good	very good
Compensation of tension:	limited	limited	limited	limited
Impact resistant:	yes	yes	no	no
Suitable for use with activator:	no	no	no	no
Vibration absorbing:	yes	yes	limited	limited
Moisture resistance:	yes	yes	yes	yes
UVA curing:	yes	yes	yes	yes
Light curing:	no	yes	no	yes
Construction:	open and closed	open and closed	open and closed	open and closed
Yellowing resistant:	yes	yes	yes	yes
Viscoelastic properties:	impact resistant	impact resistant	limited elasticity	limited elasticity
Specifications	B 665-0	B 682-T	B 678-0	B 690-0
Viscosity:	low 80 mPas	medium 900 mPas	medium 600 mPas	medium 600 mPas
Shear strength:	23 MPa	26 MPa	9 MPa	9 MPa
Bondline gap:	0.04 - 0.2 mm	0.09 - 0.5 mm	0.06 - 0.3 mm	0.06 - 0.3 mm
Max. allowable continuous temperature:	50 °C	50 °C	50 °C	50 °C
Temperature range:	-40 - +120 °C	-40 - +140 °C	-40 - +100 °C	-40 - +100 °C
Colour:	crystal clear	transparent	crystal clear	crystal clear
Capillary characteristics:	very good	none	limited	limited
Compensation of tension:	no	limited	very good	very good
Impact resistant:	no	yes	no	no
Suitable for use with activator:	no	yes	no	no
Vibration absorbing:	no	yes	high	high
Moisture resistance:	no	no	yes	yes
UVA curing:	yes	yes	yes	yes
Light curing:	no	no	yes	no
Construction:	open and closed	open and closed	closed	closed
Yellowing resistant:	no	no	yes	yes
Viscoelastic properties:	brittle	impact resistant	elastic	elastic
Specifications	420VIS			
Viscosity:	medium 300 mPas			
Shear strength:	6 MPa			
Bondline gap:	0.07 - 0.2 mm			
Max. allowable continuous temperature:	50 °C			
Temperature range:	-55 - +120 °C			
Colour:	crystal clear			
Capillary characteristics:	limited			
Compensation of tension:	very good			
Impact resistant:	no			
Suitable for use with activator:	no			
Vibration absorbing:	yes			
Moisture resistance:	no			
UVA curing:	yes			
Light curing:	yes			
Construction:	closed			
Yellowing resistant:	yes			
Viscoelastic properties:	elastic			

Temperature resistance

The temperature resistance refers to the maximum allowable continuous temperature at which the cured adhesive is not irreversibly damaged. With increasing temperatures, however, the maximum strength steadily decreases.

Tensile/Shear strength

When recommended minimum and maximum layer thicknesses are taken into consideration, the tensile/shear strengths listed in the table can be achieved.



Possible Bonds

Specifications	MV 760	MV 760VIS	LV 740	LV 740VIS
Glass/glass	yes	yes	yes	yes
Glass/metal	yes	yes	no	no
Tempered glass/tempered glass	yes	yes	yes	yes
Glass/stone	limited	limited	no	no
Glass/wood	limited	limited	no	no
Laminated safety glass/glass	limited	yes	limited	yes
Laminated safety glass/laminated safety glass	no	yes	no	yes
Laminated safety glass/stone	no	limited	no	no
Laminated safety glass/wood	no	limited	no	no
Laminated safety glass/metal	no	yes	no	no
Laminated safety glass/tempered glass	limited	yes	limited	yes
Glass/plastic	limited	limited	no	no
Laminated safety glass/plastic	no	limited	no	no
Plastic/plastic	no	no	no	no
Plastic/metal	no	no	no	no
Plastic/tempered glass	no	limited	no	no

Specifications	B 665-0	B 682-T	B 678-0	B 690-0
Glass/glass	yes	yes	yes	yes
Glass/metal	no	yes	limited	limited
Tempered glass/tempered glass	no	yes	yes	yes
Glass/stone	no	limited	limited	limited
Glass/wood	no	limited	limited	limited
Laminated safety glass/glass	limited	limited	yes	limited
Laminated safety glass/laminated safety glass	no	no	yes	no
Laminated safety glass/stone	no	no	limited	no
Laminated safety glass/wood	no	no	limited	no
Laminated safety glass/metal	no	no	limited	no
Laminated safety glass/tempered glass	no	limited	yes	limited
Glass/plastic	no	limited	limited	no
Laminated safety glass/plastic	no	no	limited	no
Plastic/plastic	no	no	no	no
Plastic/metal	no	no	no	no
Plastic/tempered glass	no	no	limited	no

Specifications	420VIS
Glass/glass	no
Glass/metal	no
Tempered glass/tempered glass	no
Glass/stone	no
Glass/wood	no
Laminated safety glass/glass	no
Laminated safety glass/laminated safety glass	no
Laminated safety glass/stone	no
Laminated safety glass/wood	no
Laminated safety glass/metal	no
Laminated safety glass/tempered glass	no
Glass/plastic	yes
Laminated safety glass/plastic	yes
Plastic/plastic	yes
Plastic/metal	yes
Plastic/tempered glass	yes
Description	suitable for bonding PMMA/PC/PET/ABS



Processing Guidelines for Glass Bonding with UV Adhesives

1. Material selection (suitability of the adhesive):

The material selection and the subsequent selection of the appropriate adhesive (see point 3) results in different mechanical strength properties of the bond. For technical data of our Verifix® bonding portfolio, please see the preceding pages. All specifications relate to transparent, UVA light translucent float glasses. Transparent float glass, mirrors (on the visible side), tempered glass and plate wired glass can be bonded without any difficulty. Special types of glass can lead to reduced mechanical strength properties or cannot be bonded. All types of structured glass are problematic, such as ornamental glass or wired glass. The UVA light translucency depends, among other things, on glass thickness and colour intensity. Important: Glass with a high UV absorption rate, such as laminated safety glass and coloured glass, cannot be bonded with standard UV adhesives. The following highly photosensitive Bohle Verifix® adhesives are suitable for this purpose: MV 760VIS, LV 740VIS or Lamifix 678 and 682-T with activator. Please note: The indicated strength values can be reached within the corresponding layer thicknesses mentioned above. Excessive, too thin or irregular adhesive layer thicknesses have an adverse effect on bonding strength. Extensive tests have shown that stainless steel is especially suitable for bonding glass to metal.

2. Pre-treatment of bonding surfaces

2.1 Cleaning

- The surfaces to be bonded must be completely clean and free of dust and grease (free of separating agents). Use a cleaning agent that is suitable for UV bonding (free from surfactants or separating agents).
- Standard glass or household cleaners are not suitable in most cases.
- Recommendation: Bohle special cleaner for glass bonding, art. no. BO 5107910.

2.2 Removing residual moisture

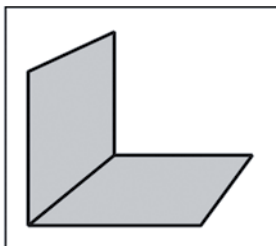
- The adhesive and the parts to be bonded must be at room temperature. In order to achieve a durably stable bond, it is essential to briefly warm the glass and fittings before bonding. In this way residual moisture (condensate) can be completely removed.
- Use hot-air unit or hairdryer. Failure to observe these instructions can lead to decreased stability of the bond which may not be noticed immediately, and thus result in decreasing long-term stability.

2.3 Pyrosil® surface pre-treatment

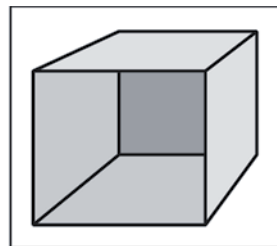
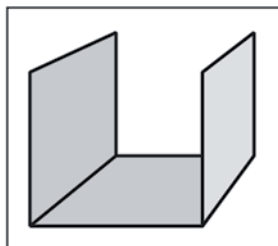
Durable adhesion can be achieved by an additional pre-treatment of problematic bonding surfaces with the Pyrosil® technology protecting the bond from moisture infiltration. This is particularly important for high load-bearing bonds, exterior applications or for use in humid environments.

3. Adhesive selection

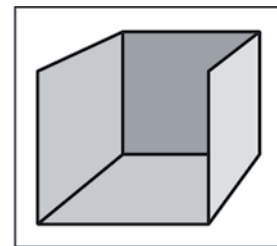
Different Bohle Verifix® UVA and light curing adhesives are available for testing, depending on the requirements of the bond, its desired load capacity and intended use. Special observations: Glass/metal bonds: The medium-viscosity UV adhesives Verifix® B-682-T or Verifix® MV 760 are ideal for dynamic bonds. Glass/glass bonds: When planning and constructing all-glass objects, the construction type should always be "closed" (i.e. self-stabilising, see fig.) for achieving maximum stability. Elastic adhesives, such as B-678-0 and B-690-0, are particularly appropriate for "closed" constructions and for surface bonding of glass/glass and glass/metal constructions. If an "open" construction is explicitly desired for design reasons or if this is the only feasible construction type, only the following adhesives must be used: Verifix® LV 740, Verifix® LV 740VIS, Verifix® B-665-0, Verifix® MV 760VIS, Verifix® MV 760 or Verifix® B-682-T.



open construction



closed construction





4. Fixing aids

It is essential to secure bonded objects against vibrations and slipping in order to guarantee the complete curing of the UV adhesive. The Verifix® product portfolio includes suitable fixing aids which facilitate securing the bonded object in position. Our sales representative will be happy to talk to you about further details.

5. Bonding/application of the adhesive

- Before applying the adhesive, check the objects to be bonded for accuracy of fit. This can best be done by mounting the whole construction by way of a trial (use fixing aids).
- If more than 5 minutes have passed after heating the bonding joints, they must be heated again before applying the adhesive.
- If possible, the adhesive should be applied in a horizontal position; applying it in a vertical position might lead to problems.
- If too much adhesive is used, removing the excess material is time-consuming.
- If the adhesive layer is too thick or too thin, the stability of the bond will be affected!
- Suitable dosing aids facilitate the exact and cost-efficient application of the adhesive.

5.1 Applying the adhesive BEFORE constructing the whole object

Medium-viscosity adhesive (Verifix® MV 760, MV 760VIS, B-678, B-690 and B-682-T) is applied before assembling the construction. For surface bonding (B690-0 and B 678-0), the adhesive is always applied before joining the parts.

- When bonding horizontally, a perfect bond without air bubbles is achieved by carefully and evenly lowering the object.
- For edge bonding, the net weight of the bonding parts is sufficient for spreading the adhesive over the entire bonding surface.

5.2 Applying the adhesive AFTER assembling the construction

- Low viscosity adhesive (Verifix® LV 740, Verifix® LV 740VIS and Verifix® B-665-0) enters the bonding joint by capillary action. That is why the parts to be bonded can be assembled in their final position before applying the adhesive.
- For multiple-part objects, make sure the adhesive is applied on the bonding joints one by one (not all at once).
- Before curing the bond, bonding parts should be lifted briefly and lowered again (open and close the bonding joint) in order to guarantee the optimum distribution of the adhesive.

6. Curing (light exposure) - General Information:

Use suitable UV lamp for curing: The lamp must not be smaller/shorter than the bonding joint in order to avoid tensions in the joint due to irregular light exposure.

- During light exposure (curing) position the lamp as closely as possible to the bonding joint.
- Under no circumstances must the object be moved or exposed to vibrations (use fixing aid).
- All Bohle UVA hand lamps are equipped with special filter screens to avoid injuries to eyes and skin, etc.
- For your own safety, appropriate equipment must be worn when working with UV lamps. Please be aware of the manufacturer's instructions. (The use of appropriate safety equipment is recommended when working with UV lamps.)

Curing is done in 2 steps:

1. During pre-curing, processing strength is achieved (approx. 30% of final strength). Then excess adhesive outside the bonding joints can be easily removed.
 - Pre-curing can take between 10 seconds and approx. 2 minutes, depending on the type of lamp. After pre-curing, remove eventual fixing aids and clean objects from possible excess adhesive using Bohle special cleaner, a glass scraper or steel wool, fineness no. 00.
2. Final curing: Depending on the type of lamp, this can take between 60 seconds and approx. 5 minutes.
 - Excessive light exposure has neither negative nor positive effects on the stability of the bond.
 - After final curing and an additional resting time of 24 hours, the bond has reached its full functionality and load capacity.

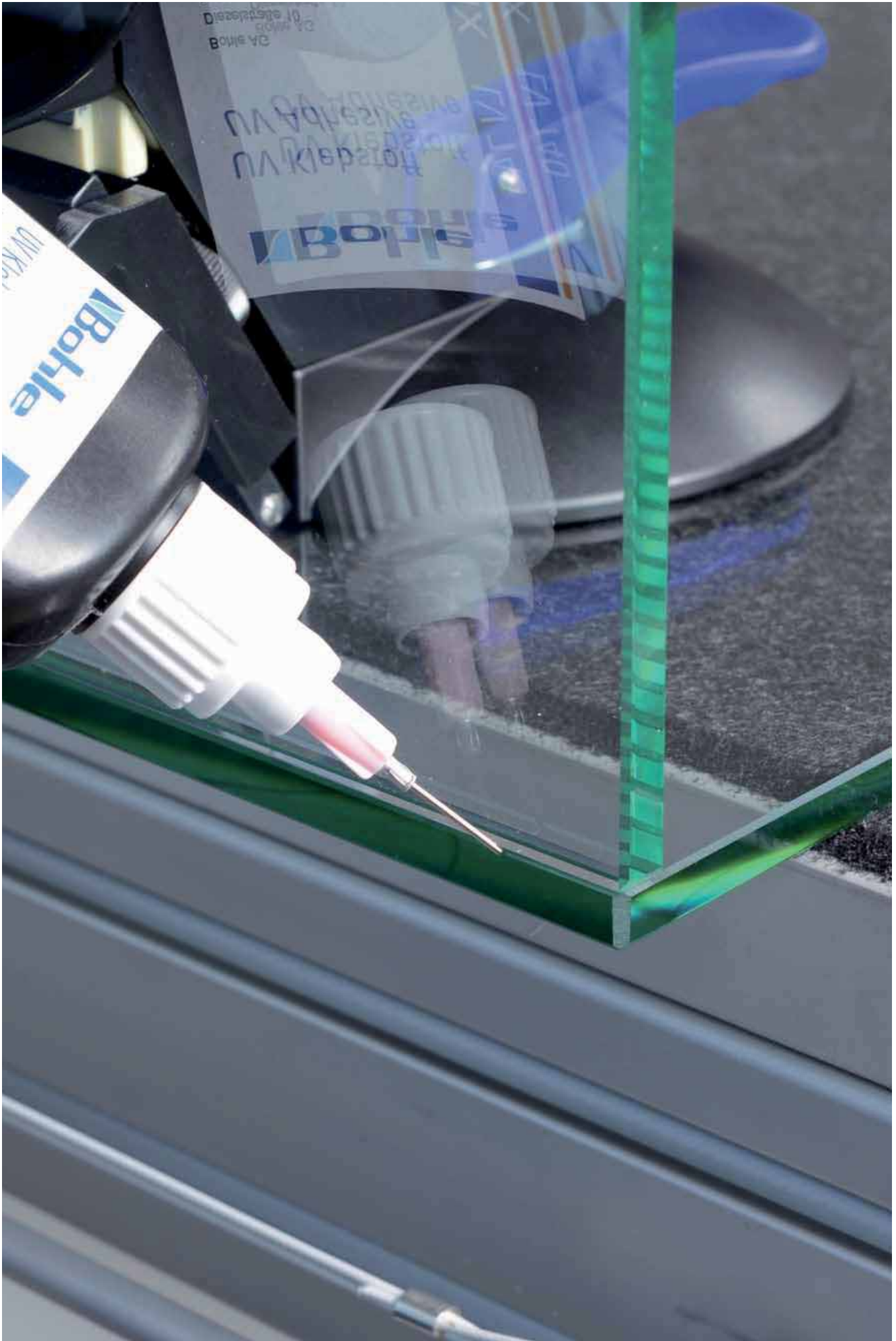
7. Test Bonds

If you are not sure about the ideal bonding requirements, always conduct a bonding test:

- Bond the object according to the instructions above.
- Afterwards load the object beyond the intended load capacity, e.g. impacts, tilting or jerky movements, use tools if necessary (e.g. pliers, etc.)
- Load until deformation/break in order to determine the load limit.
- If you have problems or questions concerning certain bonding options, our Bohle experts are happy to assist you any time!

Disclaimer

The preceding information as well as any technical recommendation given in writing, verbally or based on tests is provided to the best of our knowledge. However, these are non-binding recommendations only and do not affect your responsibility to determine the correctness of given recommendations and the suitability of the product for your particular processes and purposes. The application, use or processing of our products as well as the production of products based on our technical recommendations are beyond our control and therefore fall exclusively within your area of responsibility. Sales of our products are subject to our most updated General Sales and Delivery Conditions.



Application Needles and Accessories

When regularly working with UV adhesives, applying the correct amount of adhesive is particularly important, not only for the durability of the bond, but also for cost reduction. The Bohle product portfolio includes applications needles of different diameters in line with the respective viscosities of the UV adhesives.

Please note:

Use the application needle only with the needle adaptor. Application needles cannot be attached to a regular bottle top.

▶ Application Needle Set with Adaptor



Set of one adaptor with 5 application needles

i Diameter 0.33 · 0.41 · 0.58 · 0.84 · 1.37 mm

Art. No.	Description
BO 5209319	Application Needle Set with Adaptor

▶ Needle Adaptor



Fits all Bohle UV adhesive bottles (except for 1 litre container)

Art. No.	Description
BO 5209320	Needle Adaptor

▶ Application Needles



For UV adhesives · for use with adaptor BO 5209320 only

Art. No.	Colour · Diameter · For adhesive
BO 5209304	orange · 0.33 mm · B 665-0 / LV 740 / LV 740 VIS
BO 5209305	blue · 0.41 mm · B 665-0 / LV 740 / 420 VIS / LV 740 VIS
BO 5209306	pink · 0.58 mm · B 678-0 / B 690-0
BO 5209307	green · 0.84 mm · B 678-0 / B 690-0
BO 5209308	amber · 1.37 mm · B 682-T / MV 760 / MV 760 VIS
BO 5209309	olive · 1.6 mm · 682-T / MV 760 / MV 760 VIS



Empty Bottle



For UV adhesive

i Bottle 100 g

Art. No.	Bottle - Description - Colour
BO 5209318	100 g
BO 5209338	Cap - white
BO 5209339	Cap - black

Metering Systems

The Verifix® 900E metering system is suited to all kinds of serial bonds or industrial applications. Precise dosing saves you tedious final cleaning, especially as far as medium-viscosity UV adhesives are concerned. The time control mechanism enables repetitive, uniform dosing amounts, a foot switch guarantees comfortable handling.



Verifix® 900 E Metering Device



Suitable for both low and high viscosity liquids · adjustable dispensing intervals from 0.01 to 31 seconds · continuous switch and adjustable flow control · no dripping

Art. No.	Description
BO 5209380	900 E Metering Device

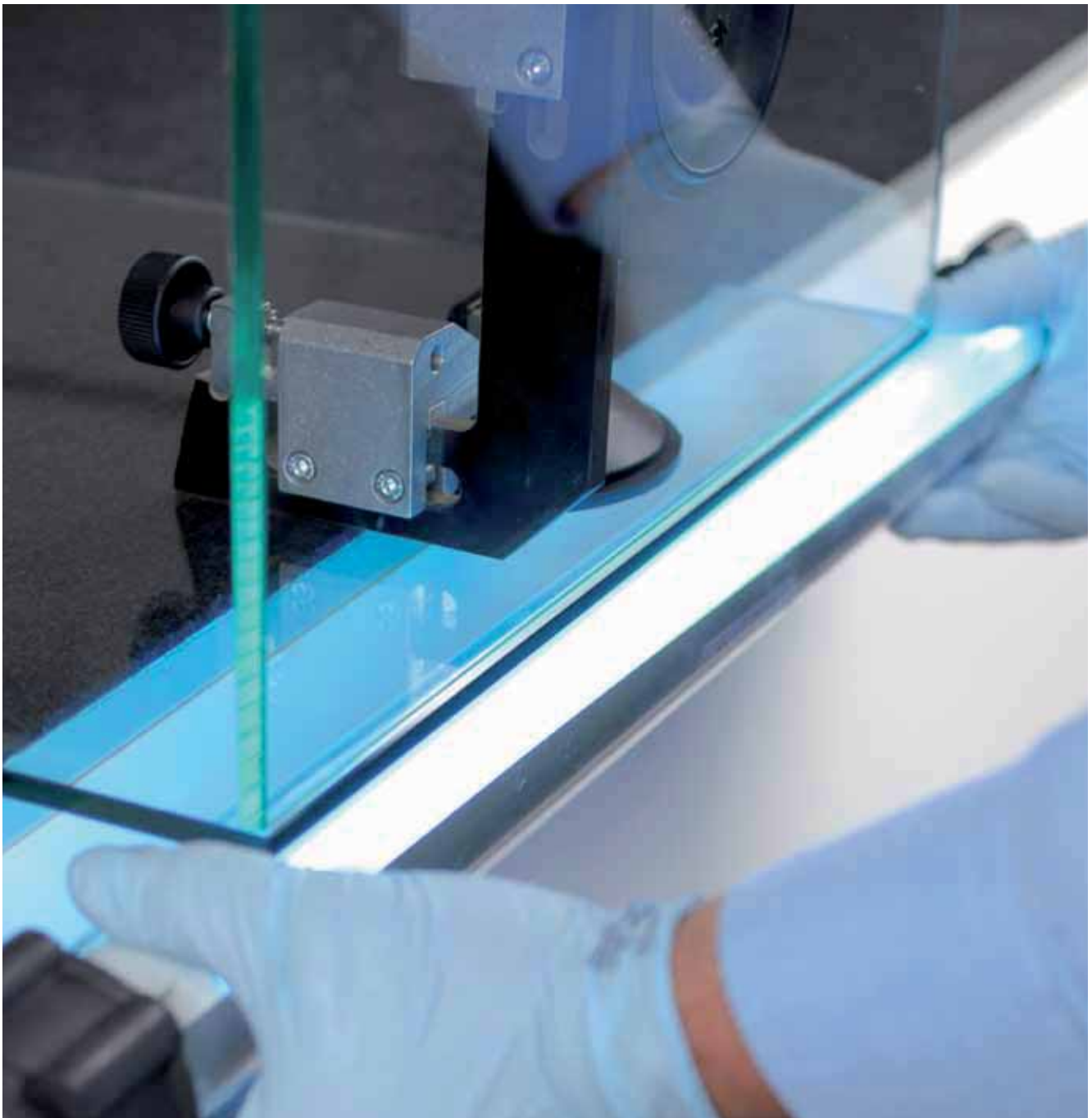
Please note:
Spare parts available on request!

This set comprises the following items:

BO 5209304	Application Needle 0.33 mm ø · orange	1 pc.
BO 5209305	Application Needle 0.41 mm ø · blue	1 pc.
BO 5209306	Application Needle 0.58 mm ø · pink	1 pc.
BO 5209307	Application Needle 0.84 mm ø · green	1 pc.
BO 5209308	Application Needle 1.37 mm ø · amber	1 pc.
BO 5209384	Cartridge · black · UV blocker · 10 cm ³	1 bag
BO 5209385	Adaptor for cartridge BO 5209386	1 pc.
BO 5209399	Application Brush	1 pc.
BO 5209386	Cartridge · transparent · with UV blocker · 10 cm ³	1 bag
BO 5209387	Cap	1 bag

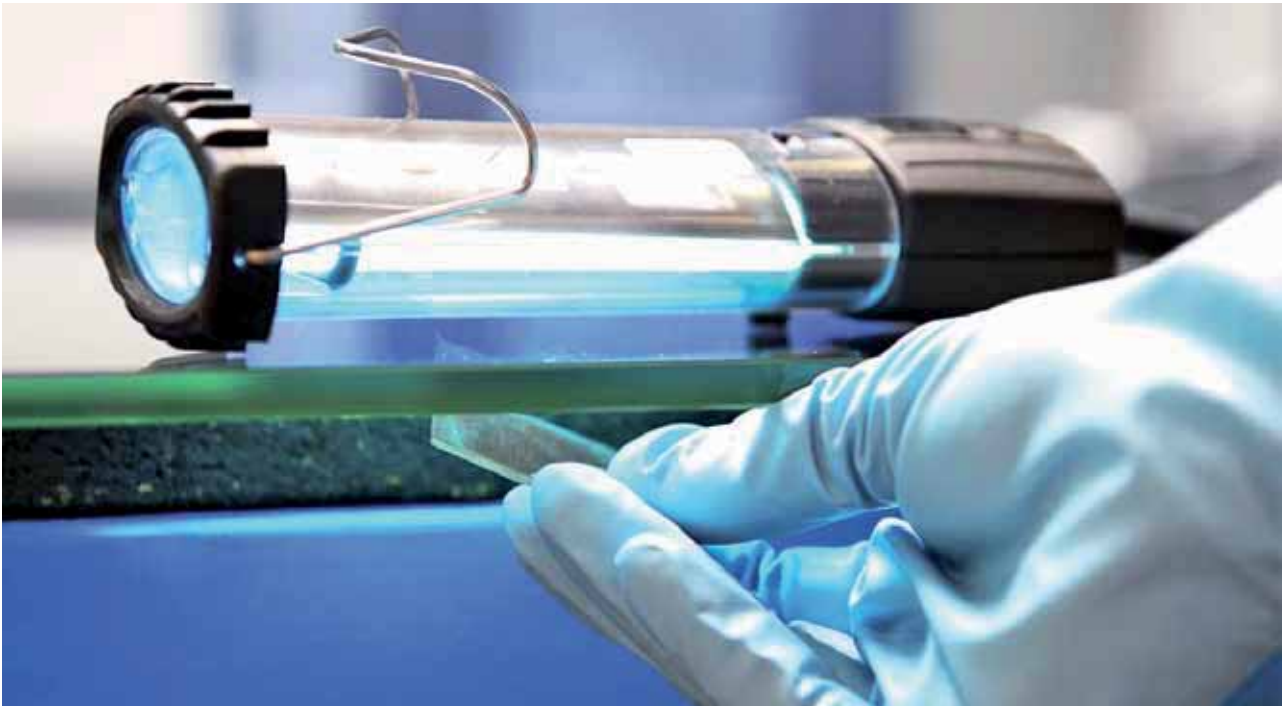
05 | Curing

Bohle offers a comprehensive portfolio of UVA lamps for curing UV adhesives. Always select your lamp according to the bonding size/surface in order to achieve a uniform exposure of the bonding surfaces. In this way, extreme tensions within the bonding joint are avoided which might lead to the failure of the bond. The lamps are especially suitable for metal bonds and short bonding distances. For longer bonding distances, tube lamps of an appropriate size should be used to minimise tensions. All Bohle UVA lamps are equipped with special filter screens. The lamps must only be run with intact filters in order to avoid injuries to skin and eyes.



Pre-curing Test

The long-term stability of the bond can only be guaranteed by observing the correct curing times. In the case of UV adhesives, they are subject to different factors (UV intensity of the lamp, distance to the bond, filter capacity of the material, adhesive type, etc.). It is recommended that you carry out the curing process in two steps in order to ensure a quick and easy removal of excessive adhesive. After pre-curing, the excess material is still slightly liquid and can be easily removed. During final curing the final bonding strength is almost reached. A final resting time of 24 hours should be observed. The exact curing times for each bond can be determined by simple pre-curing tests. Position the UVA lamp you are planning to use onto a glass as thick as the glass to be used for bonding. Take a small sample glass and, after cleaning it, apply the desired adhesive. Place the sample glass with the adhesive under the lamp at the same time touching the glass lying on the table. Move the sample glass with the adhesive during curing. The time needed until the glass can no longer be moved is the pre-curing time.



Practical Tip:

It is best to leave the lamp turned on whilst working - frequent switching on and off reduces the service life considerably. You can avoid unintended light exposure to bonding areas by resting the lamp in a tilted position on a light-absorbing surface.

Please note: This does not apply to LED lamps!

UVA Tube Lamps

The product portfolio includes tube lamps of different lengths. In this way, almost all glass/glass bonds can be cured tension-free. Light bulbs and protective tubes can easily be exchanged in most models if necessary, so that the lamps can be used for many years.

Practical Tip:

By combining several fluorescent tube lamps, the bonding distance can be extended. These tube lamps are generally suitable for metal part bonding, however, please keep in mind that the fluorescent tubes cannot be used in some positions due to their shape and length (e.g. hinge parts, shelf supports, etc.)

▶ UVA-Star "Light" Hand Lamp



White light · especially lightweight due to separate transformer · for curing UVA and light curing adhesives · short curing times due to short distances to the bonding joint (depends on adhesive layer thickness and the UVA transmittance of the bonding parts) · even and tension-free light exposure · outstanding price-performance ratio

i Work length 570 mm · Output 45 W

Art. No.	Description
BO 5209470	230 volts
BO 5209475	110 volts, 60 Hz
BO 5209471	Spare fluorescent tube
BO 5209472	Protective tube, acrylic

▶ UVA Star "Economy"



White light · separate transformer · for curing UVA and light curing adhesives

i Work length 490 mm · Output 30 W

Art. No.	Description
BO 5500320	UVA Star "Economy"
BO 5500321	Spare fluorescent tube



UVA-Star "Long Light XL"



White light · especially lightweight due to separate transformer · long service life of fluorescent tube · short exposure times due to short distances to the bonding joint · uniform, tension-free UV exposure to longer bonding lengths · particularly good value for money · This UVA lamp with an effective work length of 1760 mm has been developed for professional requirements and also cures longer bonding distances tension-free in a relatively short time (depending on adhesive layer thickness and UVA transmittance of the bonding parts).

i Version 230 V, 110 W · Work length 1760 mm



Art. No.	Description · For · Version
BO 5209476	UVA-Star "Long Light XL"
BO 5209477	Spare fluorescent tube for UVA-Star "Long Light XL"
BO 5209481	Spare fluorescent tube · for 90 W "Long Light" BO 5209480, 1460 mm
BO 5209478	Protective tube, acrylic · for BO 5209476
BO 5209479	Starter



UVA Hand Lamp H9



Double fluorescent tube (white light) · with mirror reflector and transformer in mains plug · short curing times due to short distances to the bonding joint (depends on adhesive layer thickness and the UVA transmittance of the bonding parts) · even and tension-free light exposure · outstanding price-performance ratio

i Work length 110 mm · Version 230 V / 50 Hz · Output 9 W

Art. No.	Description
BO 5209450	UVA Hand Lamp
BO 5209451	Spare fluorescent tube

UV-LED Lamps



UV-LED Lamp Twin LED Verifix®



The new "Twin LED" UV-LED lamp is suitable for bonds with a diameter of approx. 100 mm. The lamp achieves an even distribution of light intensity over the entire surface, which enables tension-free bonds. The size of the cone of light can be adjusted via the distance of the lamp to the bonding joint.

The "Twin LED" is equipped with two integrated LEDs. This offers the possibility to switch between the wavelengths of 365 nm and 395 nm. That is why the lamp can be used both for UVA and light curing adhesives. In addition, curing both through UV transmitting glass, such as float glass or tempered glass, or UV absorbing glass like laminated safety glass or coloured float glass is possible. The "Twin LED" is small, handy and lightweight. It is ideally suited for bonding metal parts. The lamp operates silently and does not become hot over time, which enables convenient handling.

The integrated battery makes the "Twin LED" a mobile device, independent from a specific work place. In particular complicated bonds, such as bonding metal parts to already finished objects, for example showcases which can hardly be moved anymore, can now be carried out easily and conveniently. If the construction site is still a shell construction, the previous installation of power lines is no longer necessary. Battery performance is constantly monitored. As soon as the battery is too weak to supply the LED with sufficient energy, the LED switched off automatically. If the LED lamp is permanently operated, the battery life amounts to approx. 2 hours. The display of the "Twin LED" continues working until the battery is finally empty.

The battery can be charged with the supplied power cable. If the construction site is still a shell construction, the previous installation of power lines is no longer necessary. Battery performance is constantly monitored. As soon as the battery is too weak to supply the LED with sufficient energy, the LED switched off automatically. The LED can be used while charging. After switching it on, the "Twin LED" is immediately ready for use. The device is operated with four keys. Different curing times can be programmed via 3 timers. The lamp is also additionally endowed with a stop watch function. When used stationary, the "Twin LED" is equipped with several screw fixing points for connecting a tripod, for example.

Please note: Very high performance, short curing times!

i Dimensions 125 x 40 x 70 mm · Weight approx. 600 g · Wavelength 365 nm, 395 nm · Battery life approx. 2 hours when LED is permanently operated · Mains voltage 100 - 240 V, 50 - 60 Hz · Please note: Very high performance, short curing times!



Included in delivery:

UV lamp supplied in carrying case with foam padding
Battery Pack
Charger

Art. No.	Description
BO 5500355	UV-LED Lamp Twin LED Verifix®

UVA Lamp

UV hand lamps are especially suitable for bonding metal parts to glass as well as for small glass objects with short bonding distances, also for industrial or serial applications. The lamps excel due to their very short curing times.

▶ UVA Hand Lamp UVAHAND 250



For use when bonding metal parts and smaller surfaces · integrated operating hours counter · spacers as protection against overheating · integrated cooling fan · special filter screen · For curing UVA and light curing adhesives · with filter screen · ideal for bonding metal parts and smaller surfaces

Art. No.	Version · Description · Application:
BO 5209404	230 Volt, 250 Watt · white light
BO 5209415	230 Volt, 250 Watt · black light
BO 5209416	white light · Volt 110 · Hz 60
BO 5209406	Spare H1 filter screen with frame · white light
BO 5209407	Spare fluorescent tube 250 F
BO 5209408	Spare filter screen with frame · black light
BO 5209414	Thermal fuse
BO 5209412	Spare casing · right and left hand side

▶ UVA Hand Lamp



For curing UVA and light curing adhesives · with filter screen · ideal for bonding metal parts and smaller surfaces

i Version 230 volts · 100 watts

Art. No.	Version
BO 5500310	UVA Hand Lamp
BO 5500311	Spare UV fluorescent tube 150 F
BO 5500312	Spare H1 filter screen

Accessories

▶ UVA Measuring Device



For measuring the intensity of UVA tube and hand lamps · suitable for UVA and UVB range · For testing the UVA transmittance of glass.

Art. No.	Measuring range
BO 5500300	0 - 200 mW/cm ²

Please note:
Ensure stable process reliability by regularly checking your UVA lamps!

▶ Protective Glasses



UV protective glasses according to EN 170 · grey viewing glasses, scratch-resistant and anti-fog (special anti-fog coating) · scratch-proof · adjustable arms · holding strap

Art. No.	Description
BO 5007613	Protective Glasses

▶ Case



For UVA hand lamps · light grey

❗ Size 396 x 296 x 315 mm

Art. No.	For
BO 5209409	BO 5209404 / 5209415
BO 5500315	BO 5500310

06 | Glass Bonding Kits



Glass Bonding Kits

The Bohle Verifix® Glass Bonding Kits offer complete basic equipment for the fixing and bonding of small to medium-sized glass parts. From beginner's to professional kits: Bohle quality tools are included, and, of course, also the suitable UVA lamp. Clearly arranged and well protected in a sturdy carrying case, all the essentials that you need, like a curing lamp, fixing aids, and accessories, are always right at hand. Also ideal for portable use.

▶ Professional Kit with Verifix® Fixing Devices and UVA Tube Lamp

Professional kit for UV bonding. Ideally suited for the construction of display cabinets and glass furniture.



Please note:

The required chemical products (cleaners, adhesives, etc.) have to be ordered separately.

Art. No.	Version
BO 5500372	Standard version
BO 5500374	110V export version

This set comprises the following items:

BO 5141000	Glass Scraper, metal	1 pc.
BO 5141001E	Spare Blades, reinforced back	1 box
BO 5141605	Steel Wool, fineness 00	1 pc.
BO 5209305	Application Needle 0.41 mm ø - blue	1 pc.
BO 5209306	Application Needle 0.58 mm ø - pink	1 pc.
BO 5209307	Application Needle 0.84 mm ø - green	2 pcs.
BO 5209308	Application Needle 1.37 mm ø - amber	2 pcs.
BO 5209320	Needle Adaptor	2 pcs.
BO 5209470	UVA Star "Light", 230 volts	1 pc.
BO 639.0	Verifix® Pro Angle Suction Holder	1 pc.
BO 636.0	Verifix® Clamping Device for 3 - 10 mm glass	1 pc.
BO 636.1	Verifix® Clamping Device for 6- 19 mm glass	1 pc.
BO 637.1	Verifix® Eccentric Suction Stopper	4 pcs.
BO 638.0	Verifix® Pump-activated Angle Suction Holder	2 pcs.
BO 5007510	Dermatril Disposable Gloves	1 box
BO 5007613	Protective Glasses	1 pc.



Professional UV Bonding Kit

Professional UV bonding kit · ideal for quick and efficient bonding of glass to metal or small objects



Art. No.	Description
BO 5500371	Professional UV Bonding Kit

Please note:

The required chemical products (cleaners, adhesives, etc.) have to be ordered separately.

This set comprises the following items:

BO 5209404	UV Hand Lamp, 230 Volt	1 pc.
BO 5209320	Needle Adaptor	1 pc.
BO 5209307	Application Needle 0.84 mm \varnothing · green	2 pcs.
BO 5209308	Application Needle 1.37 mm \varnothing · amber	2 pcs.
BO 5141605	Steel Wool, fineness 00	1 pc.
BO 5141000	Glass Scraper, metal	1 pc.
BO 5141001E	Spare Blades, reinforced back	1 box
BO 5007510	Dermatril Disposable Gloves	1 box



Beginner's Kit for UV Bonding

For those who only need to bond glass occasionally or who want to try this technology at low cost · packed in a practical plastic case



Art. No.	Description
BO 5500373	Beginner's Kit for UV Bonding

Please note:

The required chemical products (cleaners, adhesives, etc.) have to be ordered separately.

This set comprises the following items:

BO 5209450	UVA Hand Lamp H9	1 pc.
BO 5209308	Application Needle 1.37 mm \varnothing · amber	1 pc.
BO 5209320	Needle Adaptor	1 pc.
BO 5141000	Glass Scraper, metal	1 pc.
BO 5141001E	Spare Blades, reinforced back	1 box
BO 5141605	Steel Wool, fineness 00	1 pc.
BO 5007613	Protective Glasses	1 pc.
BO 5007510	Dermatril Disposable Gloves	1 box

07 | Furniture Fittings for UV Bonding

Due to its transparency and luminosity, glass has always been a favoured material when building furniture. Glass has been used to an increasing extent in recent years. Today a large range of all-glass furniture is available with different designs. Thanks to the glass bonding technology, drill holes or cutouts in the glass are no longer required, which makes glass production easier and cheaper. The high product quality together with professional, application-specific advice makes using this technology very easy, increases the turnover and guarantees future competitiveness. The comprehensive range of Bohle fittings for UV bonding in glass furniture construction includes hinges, shelf supports, door knobs, castor rollers, turntable bearings, table legs and much more.



Practical Tip:

Please read the instruction manual thoroughly before using or mounting the different metal parts. When bonding metal fittings to glass make sure that both the glass and the fitting are pre-treated with Pyrosil® in order to obtain the optimum connection.

Glass Door Hinges, glass/glass

The following hinges for mounting glass doors to a glass carcass do not require additional drill holes or cutouts in the glass. Hinges for inset and overlay doors are available in different designs.

▶ Cristallo Fix Hinge Set



With Cristallo Fix®, Bohle has developed a hinge which enables glass doors to be bonded to glass cabinets and which can also be adjusted in three dimensions. The technically sophisticated product with an opening angle of 125° is equipped with a damper with spring closing mechanism and is equally suitable for inset or overlay doors. Instead of a conventional cross plate mounting, this new product uses a cabinet bonding plate with snap-on function which was specifically developed for this purpose · infinitely adjustable · with integrated damping technology



i Mounting glass/glass · Adjustment dimensions max. height / depth / width ± 2 / 3 / 4 mm · For inset and overlay doors · Opening angle 125 ° · For the load capacity, see image in kg

Art. No.	Description · Sales unit
BO 5206060	Cristallo Fix Hinge Set · 1 item

This set comprises the following items:

BO 5206061	Bonding Plate	1 pc.
BO 5206064	Hinge Arm	1 pc.
BO 5206065	Cover Cap	1 pc.
BO 5206066	Damper	1 pc.
BO 5206051	Bonding Plate	1 pc.

▶ Crisallo Fix Glass/Glass Hinge (Individual Parts)



Art. No.	Version · Sales unit · Length · Width · Finish
BO 5206061	Bonding Plate 90 x 28 mm · 1 item
BO 5206064	Hinge Arm · 1 item
BO 5206065	Cover Cap · 1 item
BO 5206066	Damper · 1 item
BO 5206051	Bonding Plate · 1 item · 60 mm · 28 mm · matt nickel-plated
BO 5206052	Bonding Plate · 25 items · 60 mm · 28 mm · matt nickel-plated

▶ Bonding Plate for Mirror Doors Only

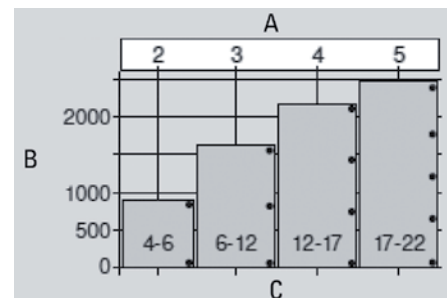


i Length 60 mm · Width 28 mm · Finish nickel-plated

Art. No.	Version · Length · Width · Finish · Sales unit
BO 5206053	Bonding Plate · 60 mm · 28 mm · zinc nickel-plated · 1 item
BO 5206054	Bonding Plate · 60 mm · 28 mm · zinc nickel-plated · 25 items

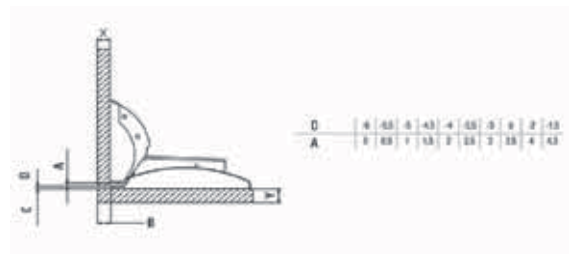
Weight Table Hinges

A = Number of hinges
B = Front height (mm)
C = kg



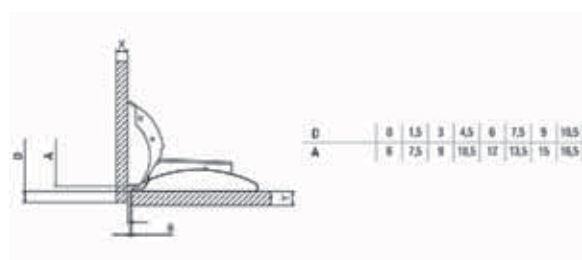
Crisallo Fix® Dimensioning Table for Inset Doors

A = Bonding position: door adaptor
B = Bonding position: body adaptor
D = approx. distance door to body
X = 5/6/8 mm,
Y = 6/8/10/12/15 mm
B = X + 1 mm



Crisallo Fix® Dimensioning Table for Overlay Doors

A = Bonding position: door adaptor
B = Bonding position: body adaptor
D = approx. distance door to body
X = 5/6/8 mm,
Y = 6/8/10/12/15 mm
B = 1 mm

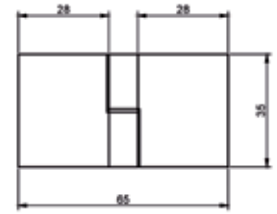


Hinge



This polished aluminium hinge for flush mounted doors is suitable for all glass thicknesses.

i Shape flat · Maximum load capacity per pair 10 kg · Packaging unit 2 items



Please note:

To ensure a durable bond it is necessary to use Pyrosil® Pre-treatment BO5209491 on both bonding surfaces or Metal Primer BO5209488.

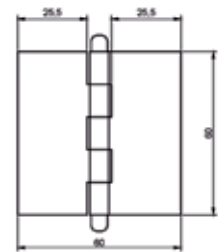
Art. No.	Application
BO 5206265	Stopper DIN right
BO 5206267	Stopper DIN left

Glass Door Hinge



Brass · shiny chrome-plated

i Swing range 270 ° · Door weight per pair 7.5 kg · Packaging unit 1 item



Please note:

To ensure a durable bond it is necessary to use Pyrosil® Pre-treatment BO5209491 on both bonding surfaces or Metal Primer BO5209488.

Art. No.	Description
BO 5200090	Glass Door Hinge

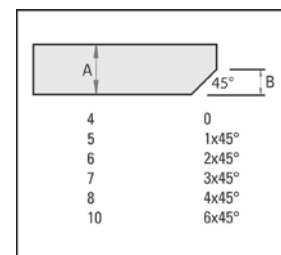
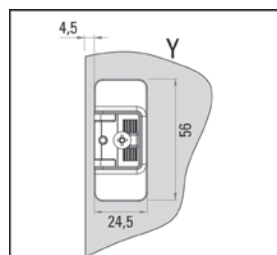
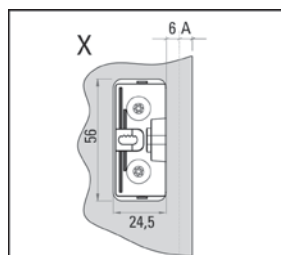
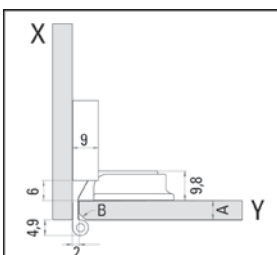
Hinge for All-Glass Showcases



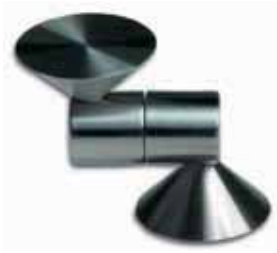
Inset · glass/glass · adjustable

i Opening angle 200 ° · Load capacity per pair 20 kg · Glass thickness 4 - 10 mm · Barrel visible 5 mm · Gap 2 mm · Lateral adjustment ±2 mm · Height adjustment ±2 mm · Depth adjustment ±2 mm · With catch · Finish brushed · Material stainless steel · Sales unit 1 item

Art. No.	Description
BO 5205247	Hinge for All-Glass Showcases

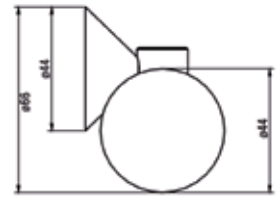


▶ Conus Hinge, Made of Stainless Steel



For UV bonding · for the door a lateral overhang of at least 52 mm must be considered on the carcass

i For overlay doors · Glass thickness 6 - 15 mm · Opening angle 180 ° · Maximum load capacity per pair 30 kg · Diameter 44 mm · Packaging unit 1 item



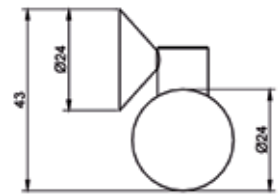
Art. No.	Description
BO 5206251	Conus Hinge, Made of Stainless Steel

▶ Conus Hinge, Made of Stainless Steel



For UV bonding · for the door a lateral overhang of at least 28 mm must be considered on the carcass

i For overlay doors · Glass thickness 6 - 10 mm · Opening angle 180 ° · Maximum load capacity per pair 10 kg · Diameter 24 mm · Packaging unit 1 item



Art. No.	Description
BO 5206252	Conus Hinge, Made of Stainless Steel

Practical Tip:

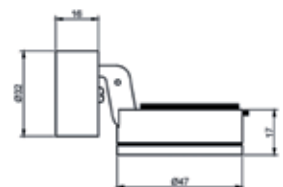
Door swings to the inside when opening, please read the instruction manual included with the hinge carefully.

▶ Glass Door Hinge Verifix® Clix 90°



This hinge is a top quality stainless steel hinge for glass/glass mounting. Suitable for inset doors. It is adjustable in three dimensions and has a snap-on function for easy mounting and dismantling. Equipped with a self-closing spring mechanism, it is well suited for use with dampers BO 5500230/31 and BO 5500235/36.

i Glass thickness 6 - 8 mm · Opening angle 90 ° · Maximum load capacity per pair 8 kg · Packaging unit 1 item



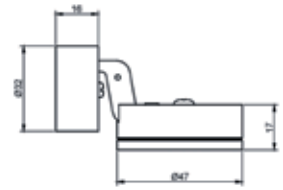
Art. No.	Description
BO 5206057	Glass Door Hinge

▶ Glass Door Hinge Verifix® 90°



This attractive hinge with stainless steel bonding plate can be used for inset glass doors with two hinges. Adjustable in three dimensions. Equipped with a self-closing spring mechanism, it is ideal for use with the dampers BO 5500230/31 and BO 5500235/36.

i Glass thickness 6 - 8 mm · Opening angle 90° · Maximum load capacity per pair 8 kg · Packaging unit 1 item



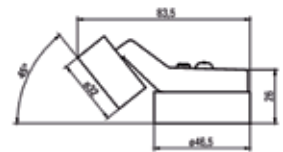
Art. No.	Description
BO 5206200	Glass Door Hinge

▶ Glass Door Hinge Verifix® 135°



The Verifix® 135° glass door hinge allows the construction of attractive and unique glass objects. Equipped with a self-closing spring mechanism, it is ideal for use with dampers BO 5500230/31 and BO 5500235/36.

i Glass thickness 6 - 8 mm · Maximum load capacity per pair 8 kg · Packaging unit 1 item



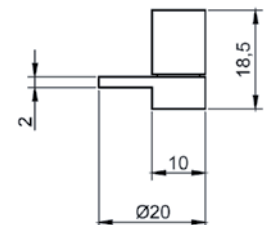
Art. No.	Description
BO 5206199	Glass Door Hinge

▶ Swing Hinge round



High quality stainless steel hinge suitable for inset doors - a threaded pin in the hinge enables the door to be removed after bonding

i For inset doors · Diameter 20 mm · Height 18.5 mm · Glass thickness up to 12 mm · Door weight max. 10 kg · Packaging unit 2 items



Art. No.	Description
BO 5206260	Swing Hinge, round

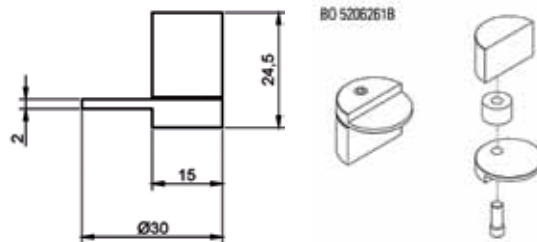
▶ Swing Hinge round



High quality stainless steel hinge suitable for inset doors - a threaded pin in the hinge enables the door to be removed after bonding

i For inset doors · Diameter 30 mm · Height 24.5 mm · Glass thickness up to 12 mm · Door weight max. 20 kg · Packaging unit 2 items

Art. No.	Description
BO 5206261	Swing Hinge, round
BO 5206261B	with threaded pin



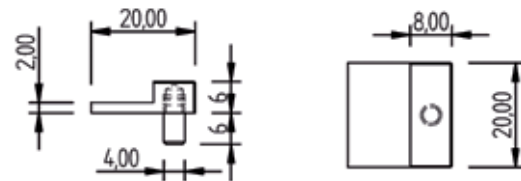
▶ Swing Hinge square



High quality stainless steel hinge suitable for inset doors - a threaded pin in the hinge enables the door to be removed after bonding

i Shape square · Mounting glass/glass · Edge length 20 mm · Door weight max. 10 kg · Packaging unit 2 items

Art. No.	Description · Version
BO 5500281	Swing Hinge · square



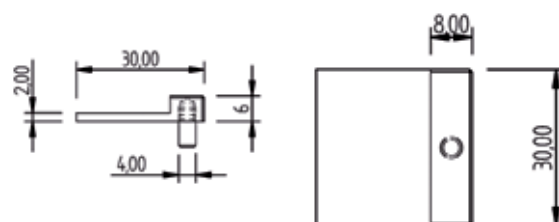
▶ Swing Hinge square



High quality stainless steel hinge suitable for inset doors - a threaded pin in the hinge enables the door to be removed after bonding

i Shape square · Mounting glass/glass · Edge length 30 mm · Door weight max. 20 kg · Packaging unit 2 items

Art. No.	Description · Version
BO 5500283	Swing Hinge · square





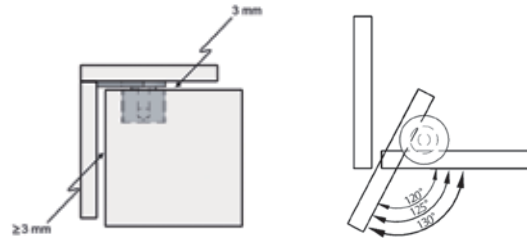
Swing Hinge bonded inside



High quality stainless steel hinge suitable for inset doors · after bonding the door cannot be removed again

i For inset doors · Mounting glass/glass · Door weight 5.5 kg · Packaging unit 2 items

Art. No.	Description · Version
BO 5500285	Swing Hinge · bonded inside



Glass Door Hinges, glass/wood

Glass and wood are often combined in furniture construction. For this reason, Bohle offers all glass door hinges for UV bonding in a glass/wood version.



Cristallo Glass/Wood Hinge with Damping Mechanism or Cover Plate



The Cristallo hinge in the glass/wood version can be combined with damper system or cover plate · new damping technology · for inset or overlay glass doors · snap on/off function · cross mounting plate for wood

i Adjustment dimensions max. height / depth / width $\pm 2 / 3 / 4$ mm · Mounting Glass/wood · Opening angle 125 °
· For the load capacity, see image in kg

Art. No.	Version
BO 5206068	Cristallo Glass/Wood Hinge with Damping Mechanism and Cover Plate

This set comprises the following items:

BO 5206063	Cross mounting plate for wood	1 pc.
BO 5206064	Hinge Arm	1 pc.
BO 5206065	Cover Cap	1 pc.
BO 5206066	Damper	1 pc.
BO 5206051	Bonding Plate	1 pc.



Cristallo Hinge (Individual Parts)

BO 5206053 and BO 5206054 for mirror doors only



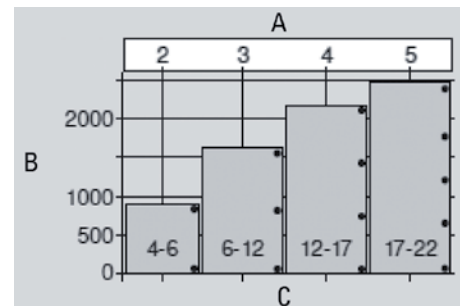
Art. No.	Version · Sales unit · Length · Width · Finish
BO 5206063	Cross mounting plate for wood
BO 5206064	Hinge Arm · 1 item
BO 5206065	Cover Cap · 1 item
BO 5206066	Damper · 1 item
BO 5206051	Bonding Plate · 1 item · 60 mm · 28 mm · matt nickel-plated
BO 5206053	Bonding Plate · 60 mm · 28 mm · zinc nickel-plated · 1 item
BO 5206052	Bonding Plate · 25 items · 60 mm · 28 mm · matt nickel-plated
BO 5206054	Bonding Plate · 60 mm · 28 mm · zinc nickel-plated · 25 items

Weight Table Hinges

A = Number of hinges

B = Front height (mm)

C = kg

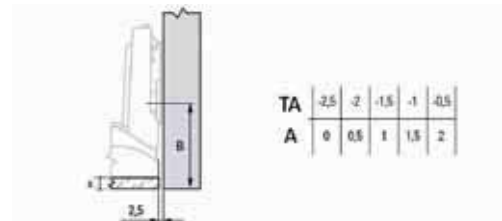


Cristallo Dimension Table for Inset Doors

TA = Distance door to body

A = Dimensions for bond

B = 38 + x



Cristallo Dimension Table for Overlay Doors

1 = Glass door

2 = Bonding plate

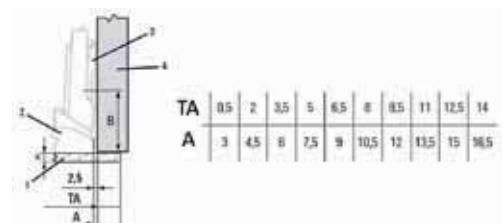
3 = Cross mounting plate for wood

4 = Wood carcass

TA = Distance door to body

A = Dimensions for bond

B = 37

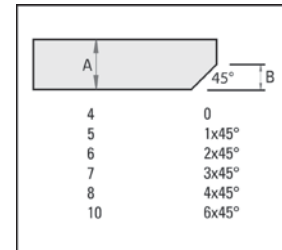
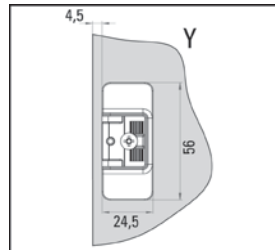
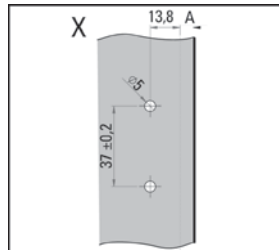
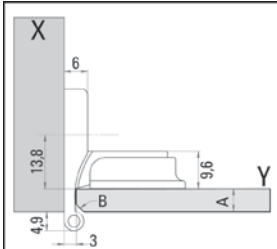


Hinge for Showcases, inset



i Opening angle 195 ° · Load capacity per pair 20 kg · Glass thickness 4 - 10 mm · Barrel visible 5 mm · Gap 3 mm · Lateral adjustment +2 mm · Height adjustment ±1 mm · With catch · Finish matt nickel-plated · Material diecast zinc · Version Bonding plate made of stainless steel · Sales unit 1 item

Art. No.	Description
BO 5205248	Hinge for Showcases, inset

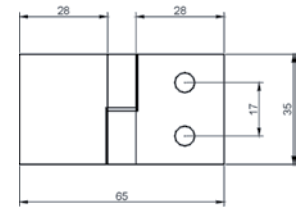


Flat Hinge



This polished aluminium hinge for inset doors is suitable for all glass thicknesses.

i For inset doors · Max. load capacity per pair 10 kg · Packaging unit 2 items · Material thickness 2.65 mm



Please note:

To ensure a durable bond it is necessary to use Pyrosil® Pre-treatment BO5209491 on both bonding surfaces or Metal Primer BO5209488.

Art. No.	Application
BO 5206266	Stopper DIN right
BO 5206268	Stopper DIN left

Practical Tip:

Door swings to the inside when opening, please read the instruction manual included with the hinge carefully.

Glass Door Hinge Verifix® Clix 90°



This hinge is a top quality stainless steel hinge for glass-to-wood mounting, suitable for inset doors. It is adjustable in three dimensions and has a snap-on function for easy mounting and dismantling. Equipped with a self-closing spring mechanism, it is ideal for use in combination with the dampers BO 5500230/31 and BO 5500235/36.

i Glass thickness 6-8 mm · Max. load capacity per pair 8 kg · Packaging unit 1 item

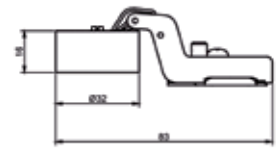
Art. No.	Description
BO 5206058	Glass Door Hinge

▶ Glass Door Hinge Verifix® 90°



The well known Verifix® hinge is now also available in a glass/wood version · for inset doors · It can be adjusted in three dimensions and is equipped with a spring latch, ideal for use in combination with the dampers BO 5500230/31 and BO 5500235/36.

- ❗ For inset doors · Glass thickness 6-8 mm · Max. load capacity per pair 8 kg · With spring latch · Packaging unit 1 item



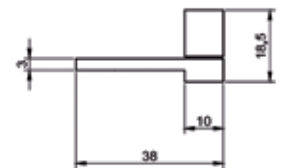
Art. No.	Description
BO 5206055	Glass Door Hinge

▶ Swing Hinge round



Stainless steel · threaded pin in the hinge enables the door to be removed after bonding · for inset doors

- ❗ For inset doors · Height 18.5 mm · Max. load capacity per pair 10 kg · Glass thickness up to 12 mm · Packaging unit 2 items



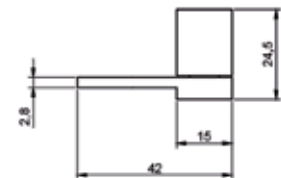
Art. No.	Description · Version
BO 5206262	Swing Hinge · round

▶ Swing Hinge round



Stainless steel · threaded pin in the hinge enables the door to be removed after bonding · for inset doors

- ❗ For inset doors · Height 24.5 mm · Glass thickness up to 12 mm · Max. load capacity per pair 20 kg · Packaging unit 2 items



Art. No.	Description · Version
BO 5206263	Swing Hinge · round



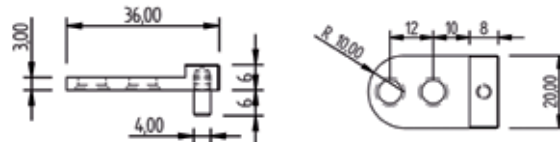
Swing Hinge square



High quality stainless steel hinge suitable for inset doors - a threaded pin in the hinge enables the door to be removed after bonding

i For inset doors · Shape square · Mounting glass/wood · Edge length 20 mm · Door weight per pair max. 10 kg · Packaging unit 2 items

Art. No.	Description · Version
BO 5500282	Swing Hinge · square



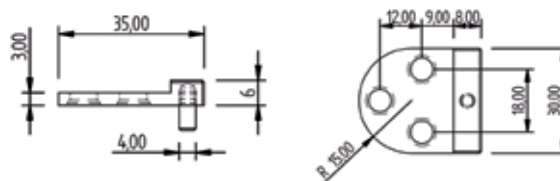
Swing Hinge square



High quality stainless steel hinge suitable for inset doors - a threaded pin in the hinge enables the door to be removed after bonding

i For inset doors · Shape square · Mounting glass/wood · Edge length 30 mm · Door weight per pair max. 20 kg · Packaging unit 2 items

Art. No.	Description · Version
BO 5500284	Swing Hinge · square



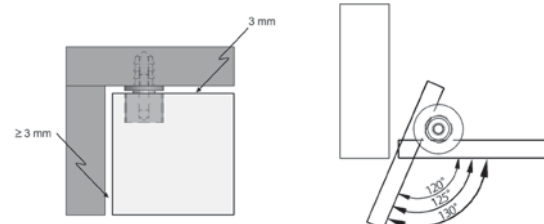
Swing Hinge bonded inside



High quality stainless steel hinge suitable for inset doors - after bonding the door cannot be removed again

i For inset doors · Mounting glass/wood · Door weight per pair max. 5.5 kg · Packaging unit 2 items

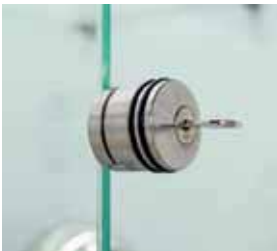
Art. No.	Description · Version
BO 5500286	Swing Hinge · bonded inside



Glass Door Locks

If not specified otherwise, the locks are supplied with universal key. They are available with individual key upon request.

▶ Glass Bonding Lock Symo



For UV bonding · made of stainless steel · Please note: Receiving element and cylinder have to be ordered separately.
· Can be retrofitted to finished objects or tempered glass door systems.

i Glass thickness 4 - 15 mm · Sales unit 1 item

Art. No.	Description · Accessories
BO 5500225	Glass Bonding Lock · for use on left side · stainless steel
BO 5500226	Glass Bonding Lock · for use on left side · aluminium
BO 5500227	Glass Bonding Lock · for use on right side · stainless steel
BO 5500228	Glass Bonding Lock · for use on right side · aluminium
BO 5500221	Receiving element · single door · glass/wood
BO 5500222	Receiving element · double door · glass/glass · bolt lock mechanism required
BO 5500223	Receiving element · single door · glass/glass
BO 5500224	Cylinder · universal key
BO 5500229	Cylinder · individual key

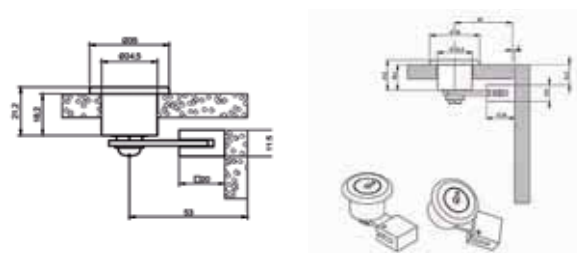
▶ Lock for Single Inset or Overlay Doors



For UV bonding · stainless steel · universal key · please indicate glass thickness when ordering · The lock is suitable for right and left handed doors as both bolt and lock cylinder can be turned around by loosening the screw.

i Diameter 35 mm · Glass thickness 6 - 15 mm · Drill hole in glass \varnothing 25 mm · Packaging unit 1 item

Art. No.	Description
BO 5206240	Lock for Single Inset or Overlay Doors





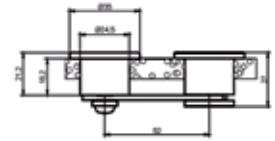
© Foto: Tonelli

▶ Lock for Double Doors



For UV bonding · stainless steel · universal key · bolt lock mechanism BO 5206259/58 is required · The lock is suitable for right and left handed doors as both bolt and lock cylinder can be turned around by loosening the screw.

i Diameter 35 mm · Drill hole in glass 25 mm Ø · Glass thickness 6 - 15 mm · Packaging unit 1 item



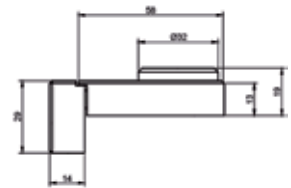
Art. No.	Description
BO 5206242	Lock for Double Doors

▶ Lock for Single Inset Doors



For UV bonding · stainless steel · universal key · for showcases · Can be retrofitted to finished objects or tempered glass door systems · The key can only be removed after locking.

i Height 39 mm · Glass thickness 6 - 12 mm · Packaging unit 1 item



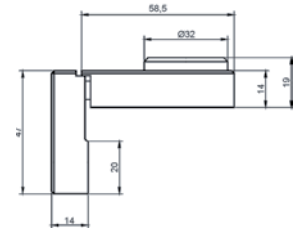
Art. No.	Description
BO 5206281	Lock for Single Inset Doors

▶ Lock for Single Overlay Doors



For UV bonding · stainless steel · universal key · for showcases · can be retrofitted to finished objects or tempered glass door systems · The key can only be removed after locking.

i Height 39 mm · Glass thickness 6 - 12 mm · Packaging unit 1 item



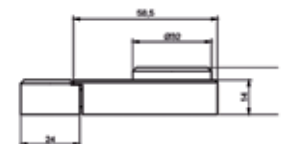
Art. No.	Description
BO 5206282	Lock for Single Overlay Doors

▶ Lock for Double Doors



For UV bonding · universal key · stainless steel · suitable for all glass thicknesses · bolt lock mechanism BO 5206258/59 is required · can be retrofitted to finished objects or tempered glass door systems · The key can only be removed after locking.

i Height 39 mm · Glass thickness 6-12 mm · Packaging unit 1 item



Art. No.	Description
BO 5206283	Lock for Double Doors

▶ Spare Key



For locks BO 5206281, BO 5206282 and BO 5206283, universal key, key sold singly

i Sales unit 1 item

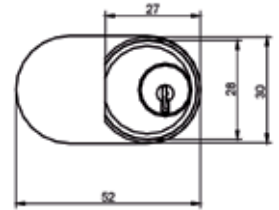
Art. No.	Description
BO 5206284	Spare Key

▶ Lock for Single Inset Doors



For UV bonding · Can be retrofitted to finished objects or tempered glass door systems · universal key

i Diameter 28 mm · Glass thickness 5 - 12 mm · Packaging unit 1 item



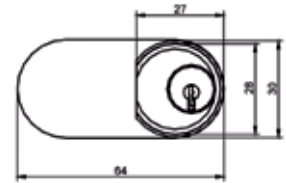
Art. No.	Description
BO 5206278	Lock for Single Inset Doors

▶ Lock for Single Overlay Doors



For UV bonding · Can be retrofitted to finished objects or tempered glass door systems · universal key

i Diameter 28 mm · Glass thickness 5 - 12 mm · Packaging unit 1 item



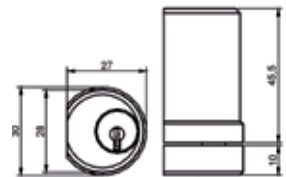
Art. No.	Description
BO 5206279	Lock for Single Overlay Doors

▶ Lock for Double Doors



For UV bonding · Can be retrofitted to finished objects or tempered glass door systems · suitable for all glass thicknesses · bolt lock mechanism BO 5206258/59 required · universal key

i Diameter 28 mm · Glass thickness 5 - 12 mm · Packaging unit 1 item



Art. No.	Description
BO 5206280	Lock for Double Doors

▶ Glass Door Lock Stainless Steel glass / wood

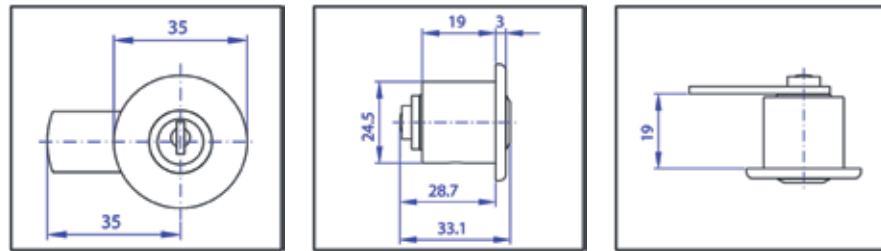


For UV bonding · suitable keep BO 5206376



i Closing angle 180 ° · Drill hole in glass \varnothing 25 mm · Material Lock nickel-plated · Sales unit 1 item

Art. No.	Version
BO 5206374	universal key
BO 5206375	individual key
BO 5206376	Keep



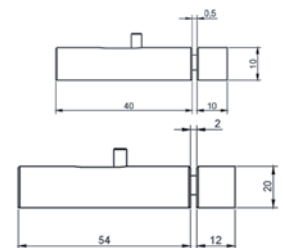
Accessories

▶ Shoot Bolt Lock Mechanism



For UV bonding · stainless steel · to secure the slave door on a set of double doors

i Packaging unit 1 item



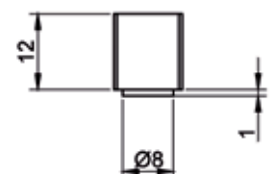
Art. No.	Diameter · Total length
BO 5206258	10 mm · 50 mm
BO 5206259	20 mm · 68 mm

▶ Magnetic Latch



For UV bonding · stainless steel · for single doors · magnetic locking force 2 kg

i Diameter magnet 8 mm · Packaging unit 1 item · Length 11 mm · Width 12 mm · Height 12 mm



Art. No.	Description
BO 5206254	Magnetic Latch

Magnetic Latch



For UV bonding · stainless steel · for double doors · magnetic locking force 2 kg

i Diameter magnet 8 mm · Packaging unit 1 item · Length 30 mm · Width 12 mm · Height 12 mm

Art. No.	Description
BO 5206255	Magnetic Latch

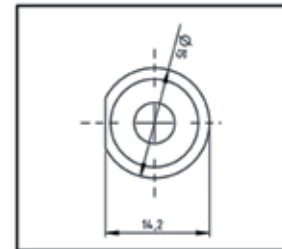
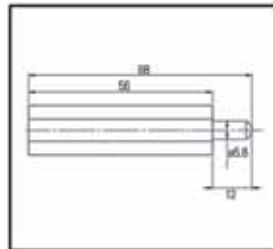
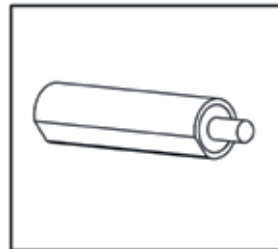
Dampers for Glass Bonding, round



Main areas of application: for damping glass doors with hinges with self-closing spring mechanisms · damping of drawers made of glass or wood · can be retrofitted to existing glass products

i Packaging unit 1 item

Art. No.	Damping force
BO 5500230	soft
BO 5500231	strong



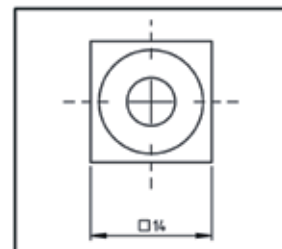
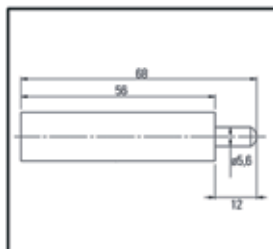
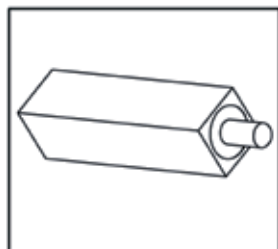
Dampers for Glass Bonding, square



Main areas of application: for damping glass doors with hinges with self-closing spring mechanisms · damping of drawers made of glass or wood · can be retrofitted to existing glass products

i Packaging unit 1 item

Art. No.	Damping force
BO 5500235	soft
BO 5500236	strong





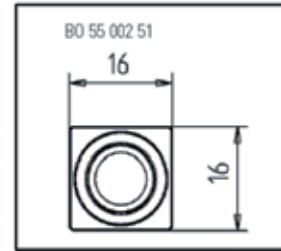
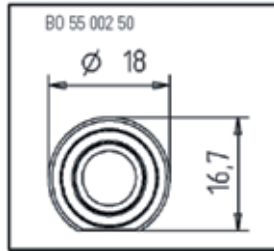
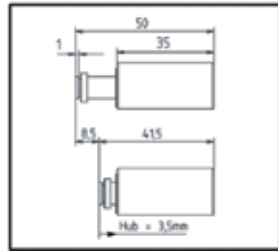
Pushbutton Magnetic Latch



The pushbutton magnetic latches are suitable for glass doors or drawers whose fittings are not self-closing, i.e. without spring closing mechanisms. The magnetic latch must be positioned opposite the hinge (at the side where the door swings open). It does not matter whether the latch is placed closer to the top or to the bottom.

i Packaging unit 1 item

Art. No.	Version
BO 5500250	round
BO 5500251	square

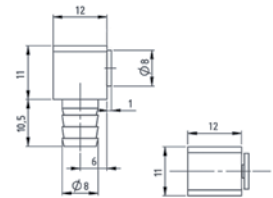


Magnetic Latch for Wooden Cabinets



Includes screw and plug-in sleeve · magnetic locking force 2 kg each

i Version for single doors · Diameter magnet 8 mm · Material stainless steel · Packaging unit 1 item · Length 18 mm · Width 11 mm · Height 11 mm



Art. No.	Description
BO 5206294	Magnetic Latch for Wooden Cabinets

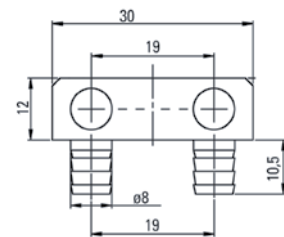


Magnetic Latch for Wooden Cabinets



Includes screw and plug-in sleeve · magnetic locking force 2 kg each

i Version for double doors · Diameter magnet 8 mm · Material stainless steel · Packaging unit 1 item · Length 30 mm · Width 12 mm · Height 12 mm



Art. No.	Description
BO 5206295	Magnetic Latch for Wooden Cabinets

▶ Drawer Guide Rail, glass/glass



Stainless steel · ¾ extension · for glass drawer · for UV bonding · with stainless steel adaptor

i Length 40 cm · Packaging unit 2 items · Load capacity incl. drawer 20 kg



Art. No.	Description
BO 5500220	Drawer Guide Rail, glass/glass

Furniture Supports, Feet and Rollers

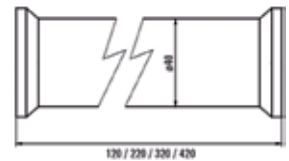
The product portfolio includes a wide array of table legs and furniture feet. Here you will find the right accessory for any application, whether for a small CD stand or a large showcase. In case of uneven floors, it is recommended you choose height adjustable feet in order to prevent the bond from being loaded irregularly.

▶ Shelf Support / Showcase Foot



Made of stainless steel · incl. 2 bonding plates, ø 50 mm and threaded rods · supplied completely assembled · ideal as a shelf support, showcase foot or table leg when individually designing your glass furniture

i Diameter 40 mm · Packaging unit 1 item



Art. No.	Height
BO 5206111	120 mm
BO 5206112	220 mm
BO 5206113	320 mm
BO 5206114	420 mm

▶ Breakfast Bar Support



Vertical · Screw fixed only at the bottom · screw fixed to wood or UV bonded to glass at the top

i Diameter 50 mm · Height 200 mm · Maximum load capacity per piece 15 kg · UV bonding plate 49.5 mm Ø · Packaging unit 1 item

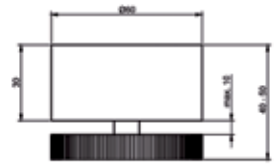
Art. No.	Version
BO 5500130	chrome-plated
BO 5500131	matt chrome-plated

▶ Showcase Foot



Ideal for showcases and TV furniture · sturdy construction · the perfect solution for precise adjustment of heavy glass furniture

i Height 40 mm · Diameter 60 mm · Height adjustable 10 mm · Packaging unit 1 item



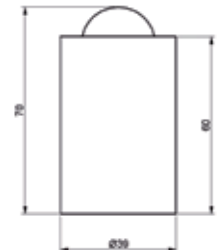
Art. No.	Description
BO 5206157	Showcase Foot

▶ Furniture Foot



Sophisticated furniture foot of sturdy construction with nylon buffer · freely rotating when used as roller foot for moveable glass furniture

i Height 60 mm · Diameter 39 mm · Max. load capacity per piece 25 kg · Packaging unit 1 item



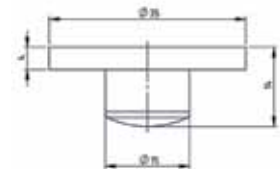
Art. No.	Description
BO 5206120	Furniture Foot

▶ Furniture Foot Made of Stainless Steel



Small furniture foot with plastic glider · for UV bonding · versatile uses for small to medium-sized objects, e. g. CD stands

i Diameter 35 mm · Height 14 mm · Packaging unit 1 item



Art. No.	Description
BO 5500280	Furniture Foot Made of Stainless Steel

▶ Distance Holders / Spacers



Stainless steel · suitable as foot · Ensure the distance holder/spacer is positioned correctly prior to bonding, as no repositioning is possible afterwards.

i Maximum load capacity per piece 15 kg · Packaging unit 12 items

Art. No.	Diameter · Height
BO 5200088	10 mm · 3.5 mm
BO 5200089	15 mm · 4 mm



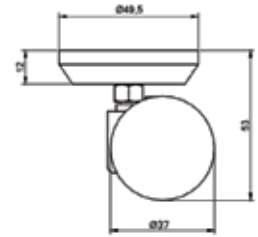
© Foto: Tonelli

▶ Castor Roller for Glass Furniture



Rollers made of black plastic · chrome-plated metal body · stainless steel bonding plate

i Diameter 49.5 mm · Thickness 12 mm · Roller diameter 37 mm · Max. load capacity per piece 50 kg · Thread M8 · Packaging unit 1 item



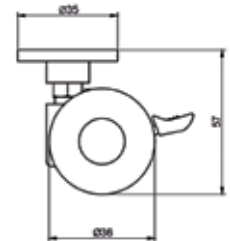
Art. No.	Description
BO 5206181	Castor Roller for Glass Furniture

▶ Castor Roller for Glass Furniture with Locking Device



Smooth running action due to rubber rollers · Stainless steel bonding plate

i Diameter 35 mm · Thickness 2.6 mm · Roller diameter 36 mm · Max. load capacity per piece 30 kg · Thread M8 · Packaging unit 1 item



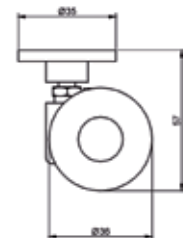
Art. No.	Description
BO 5206179	Castor Roller with Locking Device

▶ Castor Roller for Glass Furniture without Locking Device



Smooth running action due to rubber rollers · Stainless steel bonding plate

i Diameter 35 mm · Thickness 2.6 mm · Roller diameter 36 mm · Max. load capacity per piece 30 kg · Thread M8 · Packaging unit 1 item



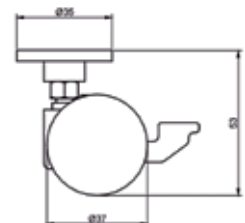
Art. No.	Description
BO 5206180	Castor Roller for Glass Furniture

▶ Castor Roller for Glass Furniture with Locking Device



Smooth running action due to rubber rollers · stainless steel bonding plate

i Diameter 35 mm · Thickness 4 mm · Roller diameter 37 mm · Max. load capacity per piece 40 kg · Thread M8 · Packaging unit 1 item



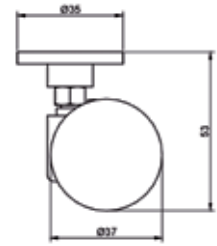
Art. No.	Description
BO 5206153	Castor Roller with Locking Device

▶ Castor Roller for Glass Furniture without Locking Device



Smooth running action due to rubber rollers · stainless steel bonding plate

i Diameter 35 mm · Thickness 4 mm · Roller diameter 37 mm · Max. load capacity per piece 40 kg · Thread M8 · Packaging unit 1 item



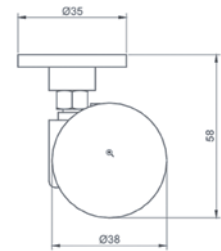
Art. No.	Description
BO 5206154	Castor Roller for Glass Furniture

▶ Castor Roller



Bonding plate made of stainless steel

i Diameter 35 mm · Thickness 4 mm · Maximum load capacity per piece 25 kg · Roller diameter 38 mm · Thread M8



Art. No.	Packaging unit
BO 5500801	4 items
BO 5500802	20 items

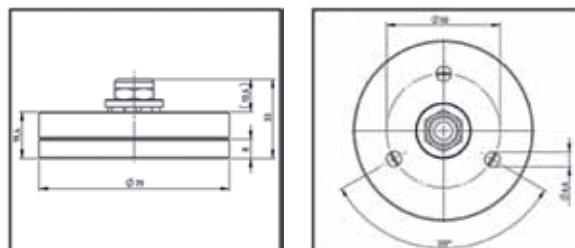
▶ Turntable Bearing



These bearings from Bohle are ideal for the construction of rotating glass objects (tabletops, TV stands, etc.). The solid construction with high-precision bearings provides a long service life even when subject to high demands. The bearings are entirely made of stainless steel and can be bonded with Bohle UV adhesives. When mounting, please ensure that the load is centred evenly · stainless steel · especially smooth running due to needle and ball-bearings · turntable bearing has 3 x \varnothing 6 mm bore holes and can be bonded to glass or screwed onto wood or metal · nut must be freely accessible · bore hole in base plate \varnothing 30 mm

i Glass diameter max. 800 mm · Max. load capacity approx. 120 kg · Packaging unit 1 item

Art. No.	Diameter
BO 5206183	80 mm

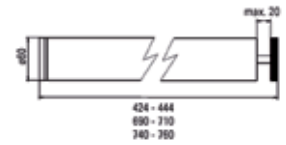


▶ Table Leg, Stainless Steel



For UV bonding · removable bonding plate made of stainless steel · plastic foot
· Note: Special lengths available on request.

i Diameter 60 mm · Height adjustment + 20 mm · Threaded pin M10 · Packaging unit 1 item



Art. No.	Height · Height adjustment
BO 5206158	740 mm · + 20 mm
BO 5206159	424 mm · + 20 mm
BO 5206160	690 mm · + 20 mm

▶ Table Leg, Stainless Steel



For UV bonding · Please order adaptor disc BO 5500109 separately.

i Height 710 mm · Diameter 80 mm · Height adjustment + 30 mm · Threaded pin M10 · Packaging unit 1 item



Art. No.	Description
BO 5500104	Table Leg, Stainless Steel
BO 5500109	Adaptor Disc for Table Legs, Stainless Steel

▶ Table Leg, Corrugated Aluminium



For UV bonding · removable bonding plate made of stainless steel · plastic foot

i Height 720 mm · Bonding plate 85 mm Ø · Height adjustment + 25 mm · Thread M10 · Packaging unit 4 items · Diameter Table Leg 80 mm



Art. No.	Description
BO 5500108	Table Leg, Corrugated Aluminium

▶ Table Leg, Corrugated Aluminium



For UV bonding · removable bonding plate made of stainless steel · plastic foot

i Height 720 mm · Bonding plate 65 mm Ø · Height adjustment + 25 mm · Threaded pin M10 · Packaging unit 4 items



Art. No.	Diameter
BO 5500106	Table Leg 60 mm
BO 5500105	50 mm

▶ Table Post, Stainless Steel



For UV bonding · incl. removable adaptor plate made of stainless steel · base plates not included. Please order base plate BO 5500154 (ø 400 mm) or BO 5500155 (ø 500 mm) separately!

i Total height incl. base plate 470 mm · Diameter 60 mm · Thread M8 · Packaging unit 1 item



Art. No.	Description
BO 5500156	Table Post, Stainless Steel

▶ Table Post, Stainless Steel



For UV bonding · incl. removable adaptor plate made of stainless steel · base plates not included. Please order base plate BO 5500154 (ø 400 mm) or BO 5500155 (ø 500 mm) separately!

i Total height incl. base plate 690 mm · Diameter 76 mm · Thread M8 · Packaging unit 1 item



Art. No.	Description
BO 5500158	Table Post, Stainless Steel

▶ Table Post, Stainless Steel



For UV bonding · incl. removable adaptor plate made of stainless steel · base plates not included. Please order base plate BO 5500154 (ø 400 mm) or BO 5500155 (ø 500 mm) separately!

i Total height incl. base plate 1100 mm · Diameter 100 mm · Thread M8 · Packaging unit 1 item



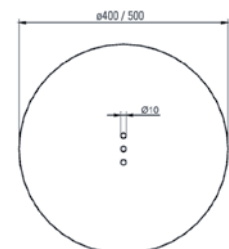
Art. No.	Description
BO 5500159	Table Post, Stainless Steel

▶ Base Plate



Base plate including stainless steel cover

i For table posts 60 / 76 / 100 mm Ø · Packaging unit 1 item



Art. No.	Diameter
BO 5500154	400 mm
BO 5500155	500 mm

Adaptor Discs

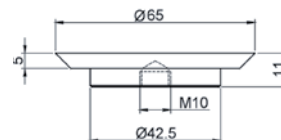
Connecting table legs, furniture feet or castor rollers with adaptor discs enables them to be disassembled again later on. In this way, these elements can easily be exchanged at all times in case of necessary repair work or changes in design.

▶ Adaptor Disc for Table Legs



For UV bonding · stainless steel · incl. threaded pin

i Diameter 65 mm · Thread M10 · For Table Leg 60 mm Ø · Packaging unit 1 item



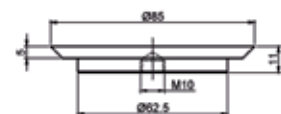
Art. No.	Description
BO 5206184	Adaptor Disc for Table Legs

▶ Adaptor Disc for Table Legs



For UV bonding · made of stainless steel

i Diameter 85 mm · Thread M10 · For Table Leg 80 mm Ø · Packaging unit 1 item



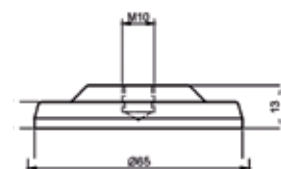
Art. No.	Description
BO 5206186	Adaptor Disc for Table Legs

▶ Adaptor Disc for Table Legs



For UV bonding · made of stainless steel

i Diameter 65 mm · Thread M10 · For Table Leg 50 + 60 mm Ø · Packaging unit 1 item



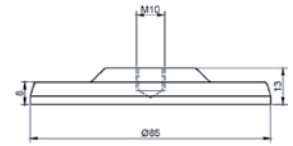
Art. No.	Description
BO 5500107	Adaptor Disc for Table Legs

▶ Adaptor Disc for Table Legs, Stainless Steel



For UV bonding · suitable for BO 5500108 + 04

i Diameter 85 mm · Thread M10



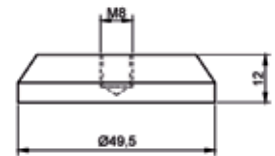
Art. No.	Description
BO 5500109	Adaptor Disc for Table Legs, Stainless Steel

▶ Adaptor Disc, Stainless Steel



Can also be used as a furniture foot · Suitable for different types of furniture rollers

i Diameter 49.5 mm · Thread M8 · Height 12 mm · Packaging unit 1 item



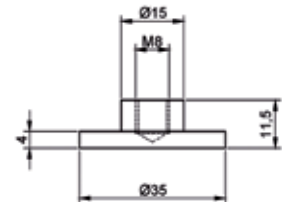
Art. No.	Description
BO 5206182	Adaptor Disc, Stainless Steel

▶ Adaptor Disc, Stainless Steel



Suitable for different types of furniture rollers

i Diameter 35 mm · Thread M8 · Thickness 4 mm · Packaging unit 1 item



Art. No.	Description
BO 5206155	Adaptor Disc, Stainless Steel



© Foto: Tonelli

Glass Door Handles

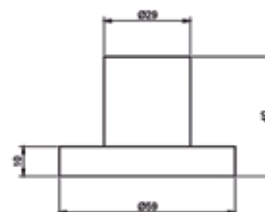
The comprehensive product range includes many different varieties, ranging from small to large and from round to square. Suitable for retrofitting to finished objects - no drill holes required.

▶ Glass Door Knob



For UV bonding · with many application possibilities such as door knob, wardrobe hook or furniture foot · your glass object will obtain a sophisticated, individual touch

i Diameter 29/59 mm · Height 40 mm · Packaging unit 1 item



Art. No.	Material
BO 5500243	float glass
BO 5500244	low iron glass

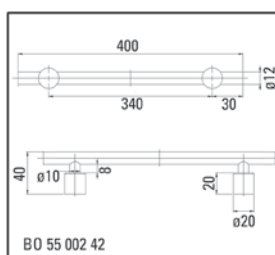
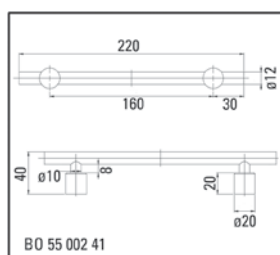
▶ Rod Handle for UV Bonding



Timelessly elegant stainless steel handle for UV bonding · can be used for diverse applications, whether as a handle for glass doors or as a drawer handle

i Handle diameter 12 mm · Bonding spacers 20 mm Ø · Packaging unit 1 item · Material matt stainless steel

Art. No.	Handle length · C-C · Height
BO 5500241	220 mm · 160 mm · 40 mm
BO 5500242	400 mm · 340 mm · 40 mm

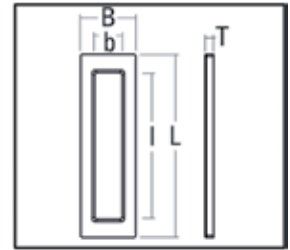


Finger Pull Handle For Bonding



Made of stainless steel in modern design, ideal for retrofitting, no glass processing required. Please note: For double-sided use, please order 2 pieces.

i Version for UV bonding · Depth 9 mm · Packaging unit 1 item



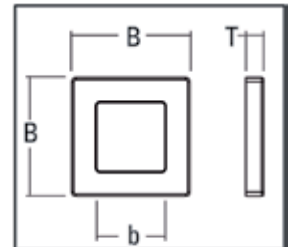
Art. No.	Finish · L · B · Inner length (l) · Inner width (b)
BO 5113756	matt stainless steel · 110 mm · 60 mm · 70 mm · 30 mm
BO 5113757	polished stainless steel · 110 mm · 60 mm · 70 mm · 30 mm
BO 5113765	matt stainless steel · 200 mm · 60 mm · 160 mm · 30 mm
BO 5113766	polished stainless steel · 200 mm · 60 mm · 160 mm · 30 mm

Finger Pull Handle square For Bonding



Made of stainless steel in modern design, ideal for retrofitting, no glass processing required. Please note: For double-sided use, please order 2 pieces.

i Version for UV bonding · Packaging unit 1 item



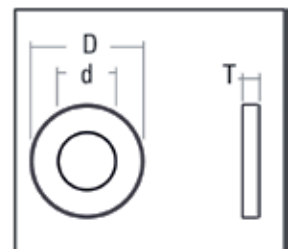
Art. No.	Finish · B · Inner width (b) · Depth
BO 5113773	matt stainless steel · 35 mm · 27 mm · 4 mm
BO 5113774	polished stainless steel · 35 mm · 27 mm · 4 mm
BO 5113780	matt stainless steel · 60 mm · 50 mm · 5 mm
BO 5113781	polished stainless steel · 60 mm · 50 mm · 5 mm

Finger Pull Handle For Bonding



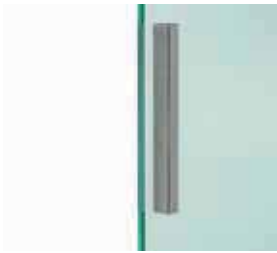
Made of stainless steel in modern design, ideal for retrofitting, no glass processing required. Please note: For double-sided use, please order 2 pieces.

i Version for UV bonding · Packaging unit 1 item



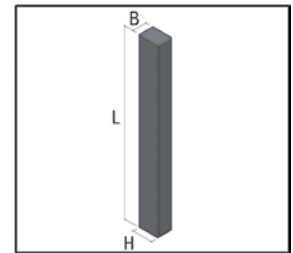
Art. No.	Finish · D · d · Depth
BO 5113788	matt stainless steel · 35 mm Ø · 27 mm Ø · 4 mm
BO 5113789	polished stainless steel · 35 mm Ø · 27 mm Ø · 4 mm
BO 5113792	matt stainless steel · 45 mm Ø · 35 mm Ø · 5 mm
BO 5113793	polished stainless steel · 45 mm Ø · 35 mm Ø · 5 mm
BO 5113796	matt stainless steel · 65 mm Ø · 52 mm Ø · 7 mm
BO 5113797	polished stainless steel · 65 mm Ø · 52 mm Ø · 7 mm

▶ Handle



Made of stainless steel in modern design, ideal for retrofitting, no glass processing required. Please note: For double-sided use, please order 2 pieces.

i Version for UV bonding · Material stainless steel · Sales unit 1 item

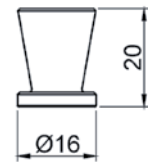


Art. No.	Length · Width · Height · Finish
BO 5113729	150 mm · 12 mm · 17 mm · matt
BO 5113730	150 mm · 12 mm · 17 mm · mirror polished
BO 5113731	150 mm · 12 mm · 8 mm · matt
BO 5113732	150 mm · 12 mm · 8 mm · mirror polished
BO 5113733	150 mm · 12 mm · 4 mm · matt
BO 5113734	150 mm · 12 mm · 4 mm · mirror polished

▶ Door Knob, Stainless Steel



i Diameter 16 mm · Length 20 mm · Packaging unit 2 items



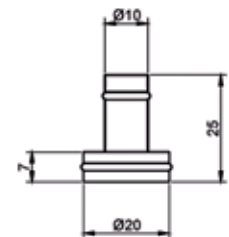
Art. No.	Description
BO 5206256	Door Knob, Stainless Steel

▶ Door Knob, Stainless Steel



With rubber rings

i Bonding plate 20 mm Ø · Handle diameter 10 mm · Length 25 mm · Packaging unit 1 item



Art. No.	Description
BO 5206170	Door Knob, Stainless Steel

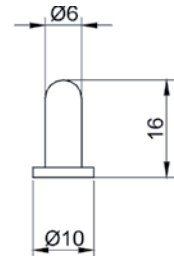


Door Knob, Stainless Steel



This door knob is ideal for small glass objects.

i Diameter 10 mm · Length 16 mm · Packaging unit 2 items



Art. No.	Description
BO 5206257	Door Knob, Stainless Steel



Door Knob, mini, square



This door knob is ideal for small glass objects.

i Length 30 mm · Width 12 x 12 mm · Packaging unit 1 item

Art. No.	Description
BO 5500245	Door Knob, mini, square

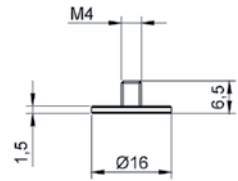


Door Knob Adaptor for UV Bonding



Stainless steel · to screw on door knobs · ideal to use on any individual door knob · whether on wood, plastic or plexiglass · now every knob can be used

i Diameter 16 mm · Thread M4 · Packaging unit 4 items



Art. No.	Description
BO 5206169	Door Knob Adaptor for UV Bonding

Showcase Shelf Supports

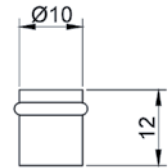
Bohle rounds off their product portfolio with a selection of glass shelf supports in different sizes. Choose the height adjustable versions in order to adjust shelves horizontally.

▶ Glass Shelf Support / Door Stopper, Stainless Steel



With rubber ring · can also be used as door stopper · includes wood screw

i Ø 10 mm · Height approx. 12 mm · Material stainless steel · Packaging unit 1 item · For wooden carcass · Load capacity per 4 pieces 20 kg



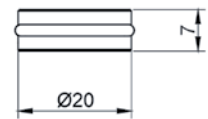
Art. No.	Description
BO 5206197	Glass Shelf Support / Door Stopper, Stainless Steel

▶ Glass Shelf Support, Stainless Steel



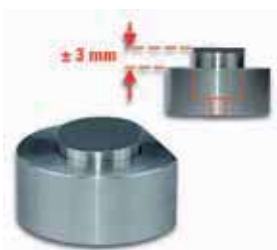
With rubber ring · not adjustable

i Diameter 20 mm · Thickness 7 mm · Max. load capacity per sales unit 40 kg · Packaging unit 4 items



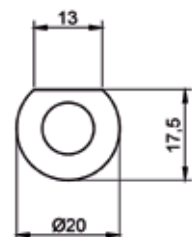
Art. No.	Description
BO 5206192	Glass Shelf Support, Stainless Steel

▶ Glass Shelf Support, Stainless Steel



After bonding height adjustable by 3 mm by turning a headless screw · incl. rubber liner

i Diameter 20 mm · Thickness approx. 10 mm · Max. load capacity per sales unit 30 kg · Packaging unit 4 items



Art. No.	Description
BO 5206193	Glass Shelf Support, Stainless Steel



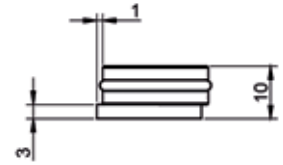
© Foto: Tonelli

▶ Glass Shelf Support, Stainless Steel



With rubber ring · After bonding height adjustable by ± 1 mm by turning an eccentric disc

i Diameter 20 mm · Thickness approx. 10 mm · Max. load capacity per sales unit 40 kg · Packaging unit 4 items



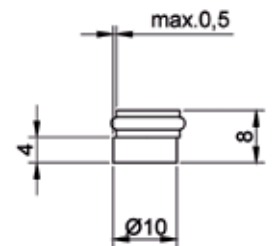
Art. No.	Description
B0 5206194	Glass Shelf Support, Stainless Steel

▶ Glass Shelf Support, Stainless Steel



With rubber ring · After bonding height adjustable by ± 0.5 mm by turning an eccentric disc

i Diameter 10 mm · Thickness approx. 8 mm · Max. load capacity per sales unit 20 kg · Packaging unit 4 items



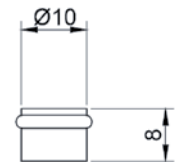
Art. No.	Description
B0 5206195	Glass Shelf Support, Stainless Steel

▶ Glass Shelf Support/Door Stopper, Stainless Steel



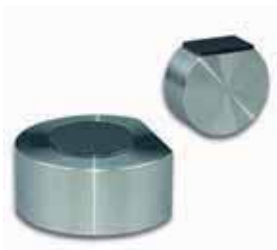
With rubber ring · not adjustable (fixed) · can also be used as a door stopper

i Diameter 10 mm · Height 8 mm · Max. load capacity per sales unit 20 kg · Packaging unit 4 items



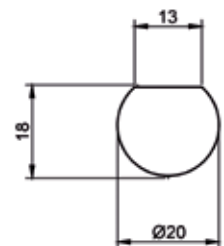
Art. No.	Description
B0 5206196	Glass Shelf Support / Door Stopper, Stainless Steel

▶ Glass Shelf Support, Stainless Steel



For horizontal and vertical bonding · with rubber ring · not adjustable

i Diameter 20 mm · Thickness 10 mm · Max. load capacity per sales unit 30 kg · Packaging unit 4 items



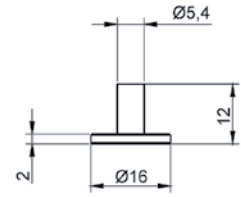
Art. No.	Description
B0 5206191	Glass Shelf Support, Stainless Steel

▶ Glass Shelf Support with Plastic Lining



For UV bonding · made of stainless steel

i Diameter 16 mm · Max. load capacity per sales unit 30 kg · Packaging unit 4 items



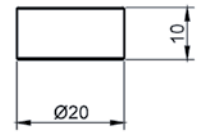
Art. No.	Description
BO 5206198	Glass Shelf Support with Plastic Lining

▶ Borosilicate Glass Discs



Ground plane-parallel · centre with laser mark · suitable as shelf support or furniture foot

i Diameter 20 mm · Thickness 10 mm · Max. load capacity per 4 pieces 40 kg · Packaging unit 20 items



Art. No.	Description
BO 5206190	Borosilicate Glass Discs

▶ Borosilicate Glass Cubes



All sides polished · edges bevelled

i Packaging unit 4 items

Art. No.	Edge length · Load capacity
BO 5500030	15 mm · per sales unit 15 kg
BO 5500031	20 mm · per sales unit 20 kg

Resilient Pads

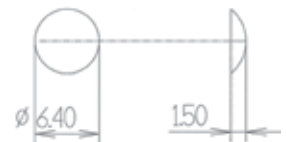
Serve as feet and spacers · highly slip and wear resistant · vibration and noise absorbing · do not leave discoloured marks even after extended periods of time · quick and easy assembly · attractive design · immediate good grip on many surfaces

▶ Resilient Pads ø 6.4 mm Height 1.5 mm



All resilient pads are made from aliphatic polyurethane material with high quality UV stabilisers and offer a 5-year guarantee against yellowing · A universal weatherproof and dishwasher safe acrylate adhesive is used as standard adhesive.

i ø 6.4 mm · Height 1.5 mm · Colour: crystal clear · Version self-adhesive · On sheets · Description Made in Germany



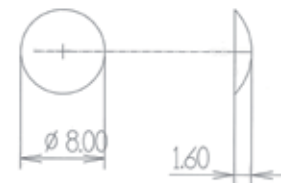
Art. No.	Sales unit
BO 5200170	bag of 720 items
BO 5200180	box of 3600 items

▶ Resilient Pads ø 8 mm Height 1.6 mm



All resilient pads are made from aliphatic polyurethane material with high quality UV stabilisers and offer a 5-year guarantee against yellowing · A universal weatherproof and dishwasher safe acrylate adhesive is used as standard adhesive.

i ø 8 mm · Height 1.6 mm · Colour: crystal clear · Version self-adhesive · On sheets · Description Made in Germany



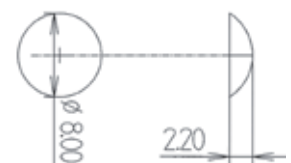
Art. No.	Sales unit
BO 5200171	bag of 480 items
BO 5200181	box of 3360 items

▶ Resilient Pads ø 8 mm Height 2.2 mm



All resilient pads are made from aliphatic polyurethane material with high quality UV stabilisers and offer a 5-year guarantee against yellowing · A universal weatherproof and dishwasher safe acrylate adhesive is used as standard adhesive.

i ø 8 mm · Height 2.2 mm · Colour: crystal clear · Version self-adhesive · On sheets · Description Made in Germany



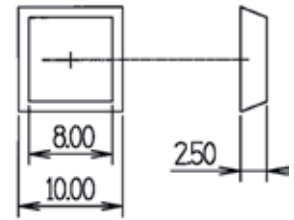
Art. No.	Sales unit
BO 5200172	bag of 480 items
BO 5200182	box of 3360 items

▶ Resilient Pads Height 2.5 mm



All resilient pads are made from aliphatic polyurethane material with high quality UV stabilisers and offer a 5-year guarantee against yellowing · A universal weatherproof and dishwasher safe acrylate adhesive is used as standard adhesive.

i Length 8/10 mm · Height 2.5 mm · Colour: crystal clear · Version self-adhesive · On sheets · Description Made in Germany



Art. No.	Sales unit
BO 5200173	bag of 350 items
BO 5200183	box of 3150 items

▶ Resilient Pads Height 3.2 mm



All resilient pads are made from aliphatic polyurethane material with high quality UV stabilisers and offer a 5-year guarantee against yellowing · A universal weatherproof and dishwasher safe acrylate adhesive is used as standard adhesive.

i \varnothing 12 mm · Height 3.2 mm · Colour: crystal clear · Version self-adhesive · On sheets · Description Made in Germany



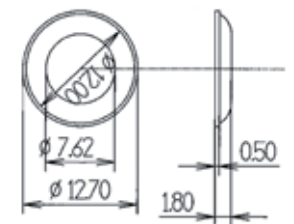
Art. No.	Sales unit
BO 5200174	bag of 264 items
BO 5200184	box of 3168 items

▶ Resilient Pads Height 1.8 mm



All resilient pads are made from aliphatic polyurethane material with high quality UV stabilisers and offer a 5-year guarantee against yellowing · A universal weatherproof and dishwasher safe acrylate adhesive is used as standard adhesive.

i \varnothing 7.62/12.7 mm · Height 1.8 mm · Colour: crystal clear · Version self-adhesive · On sheets · Description Made in Germany



Art. No.	Sales unit
BO 5200175	bag of 252 items
BO 5200185	box of 3024 items

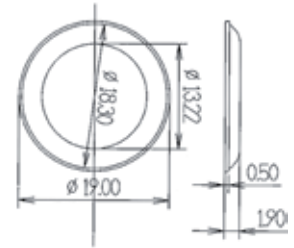


Resilient Pads Height 1.9 mm



All resilient pads are made from aliphatic polyurethane material with high quality UV stabilisers and offer a 5-year guarantee against yellowing · A universal weatherproof and dishwasher safe acrylate adhesive is used as standard adhesive.

i ø 19 mm · Height 1.9 mm · Colour: crystal clear · Version self-adhesive · On sheets · Description Made in Germany



Art. No.	Sales unit
BO 5200176	bag of 120 items
BO 5200186	box of 3000 items

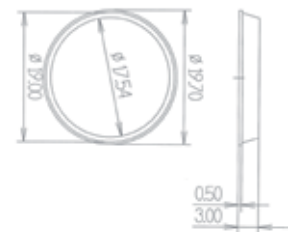


Resilient Pads Height 3.0 mm



All resilient pads are made from aliphatic polyurethane material with high quality UV stabilisers and offer a 5-year guarantee against yellowing · A universal weatherproof and dishwasher safe acrylate adhesive is used as standard adhesive.

i ø 19 mm · Height 3.0 mm · Colour: crystal clear · Version self-adhesive · On sheets · Description Made in Germany



Art. No.	Sales unit
BO 5200177	bag of 72 items
BO 5200187	box of 2520 items



Glass Supports, PVC



i ø 16 mm · Total height 9 mm · Bore hole 8 mm Ø · Feature: soft · Packaging unit 100 items

Art. No.	Description
BO 5211500	Glass Supports, PVC

08 | Mirror Fixings

SafecliX® - SafemaX® - SafefiX® have been developed for vertical mounting of mirrors per DIN EN 1036. Our sets are supplied with all necessary mounting hardware in neutral packaging. After mounting they are hidden from sight behind the mirror and allow the mirror to be detached at any time. All metal mounting plates in our mirror fixing kits are coated with the specially developed Xtramount® mirror adhesive tape and are therefore suitable for humid rooms as well as outdoor applications, as long as they are not directly exposed to rain and they stay within the allowable temperature range for Xtramount®. SafecliX® - SafemaX® - SafefiX® offer you many different ways to mount your mirrors securely. If you need special mirror mounting sets for your particular application, or if you wish an own brand label version of SafecliX® - SafemaX® - SafefiX®, please do not hesitate to contact us.



Note on mounting the plates:

Clean the back of the mirror with a silicone-free glass cleaner such as Bohle Special Glass Cleaner B05107910. The mirror must be clean, dry and grease-free, room temperature should be above 18°C and the temperature of metal plate and mirror should be roughly the same. After removing the protective film from the self-adhesive plates, press the plates firmly, evenly and directly onto the back of the mirror by applying approx. 200N (20 kg) pressure for approx. 5 seconds. The distance to the top edge and side edges of the mirror should be approx. 10 cm. After 30 minutes resting time, press on the plates firmly once again, then the mirror can be mounted immediately.

Please note: Mirror safety backing films, etc. must always be applied around the attached plates.

SafecliX[®] Press Button Fixing Sets

The mirrors are suspended with mirror mounting plates and eccentric discs and are protected against unhinging by press buttons. To compensate for uneven walls, we recommend our Euroclick Type 3 shims.

▶ Press Button Set SafecliX[®] 08



Press button set, for mirrors up to 0.8 m² · resting time only 30 minutes · suitable for humid environments and suitable to a limited extent for exterior applications · suitable for mirrors according to DIN EN 1036 · shelf life of 12 months from the date of delivery note

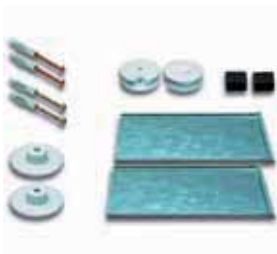
i Mirror surface max. 0.8 m² · Mirror glass thickness 6 mm

Included in delivery:

2x Lipped plates 100 x 100 mm with Xtramount[®] mirror adhesive tape
2x Eccentric Discs
2x Press buttons
2x Spacers
2x Countersunk and 2 buttonhead screws ø 4 x 50 mm
4x Plugs ø 6 x 36 mm

Art. No.	Description
BO 5208210	SafecliX [®] 08

▶ Press Button Set SafecliX[®] 16



Press button set, for mirrors up to 1.6 m² · resting time only 30 minutes · suitable for humid environments and suitable to a limited extent for exterior applications · suitable for mirrors according to DIN EN 1036 · shelf life of 12 months from the date of delivery note

i Mirror surface max. 1.6 m² · Mirror glass thickness 6 mm

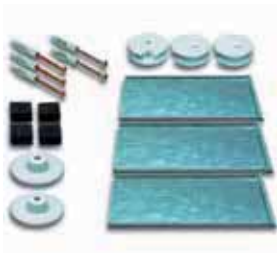
Included in delivery:

2x Lipped plates 200 x 100 mm with Xtramount[®] mirror adhesive tape
2x Eccentric Discs
2x Press buttons
2x Spacers
2x Countersunk and 2 buttonhead screws ø 4 x 50 mm
4x Plugs ø 6 x 36 mm

Art. No.	Description
BO 5208211	SafecliX [®] 16



Press Button Set SafecliX® 26



Press button set, for mirrors up to 2.6 m² · resting time only 30 minutes · suitable for humid environments and suitable to a limited extent for exterior applications · suitable for mirrors according to DIN EN 1036 · shelf life of 12 months from the date of delivery note

i Mirror surface max. 2.6 m² · Mirror glass thickness 6 mm

Included in delivery:

- 3x Lipped plates 200 x 100 mm with Xtramount® mirror adhesive tape
- 3x Eccentric Discs
- 2x Press buttons
- 4x Spacers
- 3x Countersunk and 2 buttonhead screws ø 4 x 50 mm
- 5x Plugs ø 6 x 36 mm

Art. No.	Description
BO 5208212	SafecliX® 26



Combined Set mirror mounting SafecliX®



Press button set for mirror fixing · in an economic combined box · resting time only 30 minutes · suitable for humid environments and suitable to a limited extent for exterior applications · suitable for mirrors according to DIN EN 1036 · shelf life of 12 months from the date of delivery note

Please note:

Considerable savings to be made when buying this combined 20 set box.

Art. No.	Description
BO 5208215	SafecliX® Mirror Mounting Combined Set

This set comprises the following items:

BO 5208210	SafecliX® 08	9 Sets
BO 5208211	SafecliX® 16	9 Sets
BO 5208212	SafecliX® 26	2 Sets

SafemaX[®] Magnetic Fixing Sets

With SafemaX[®] 08 and 16 the mirror is suspended with mounting plates and eccentric discs and protected against unhinging by safety magnets. With SafemaX[®] 10-SK the mirror is suspended with metal plates and powerful safety magnets. The sets are especially suitable for mirrored walls with several mirrors, because slight corrections in all directions can easily be made even after mounting. To compensate for uneven walls, we recommend our Euroclick Type 3 shims.

▶ Magnetic Set SafemaX[®] 08



Magnetic set, for mirrors up to 0.8 m² · resting time only 30 minutes · suitable for humid environments and suitable to a limited extent for exterior applications · suitable for mirrors according to DIN EN 1036 · shelf life of 12 months from the date of delivery note

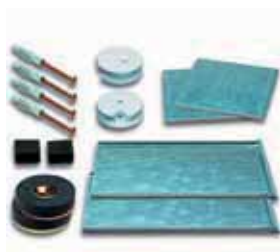
i Mirror surface max. 0.8 m² · Mirror glass thickness 6 mm

Included in delivery:

- 2x Lipped plates 100 x 100 mm with Xtramount[®] mirror adhesive tape
- 2x Metal plates 70 x 70 x 1 mm with Xtramount[®] mirror adhesive tape
- 2x Eccentric Discs
- 2x Magnets ø 45 mm
- 2x Spacers
- 4x Screws ø 4 x 50 mm
- 4x Plugs ø 6 x 36 mm

Art. No.	Description
BO 5208228	SafemaX [®] 08

▶ Magnetic Set SafemaX[®] 16



Magnetic set, for mirrors up to 1.6 m² · resting time only 30 minutes · suitable for humid environments and suitable to a limited extent for exterior applications · suitable for mirrors according to DIN EN 1036 · shelf life of 12 months from the date of delivery note

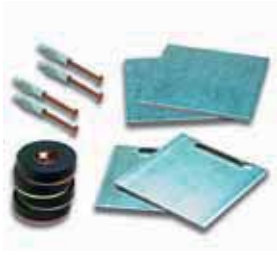
i Mirror surface max. 1.6 m² · Mirror glass thickness 6 mm

Included in delivery:

- 2x Lipped plates 200 x 100 mm with Xtramount[®] mirror adhesive tape
- 2x Metal plates 70 x 70 x 1 mm with Xtramount[®] mirror adhesive tape
- 2x Eccentric Discs
- 2x Magnets ø 45 mm
- 2x Spacers
- 4x Screws ø 4 x 50 mm
- 4x Plugs ø 6 x 36 mm

Art. No.	Description
BO 5208230	SafemaX [®] 16

▶ Magnetic Set SafemaX® 10-SK



Magnetic set, for mirrors up to 1.0 m² · resting time only 30 minutes · suitable for humid environments and suitable to a limited extent for exterior applications · suitable for mirrors according to DIN EN 1036 · shelf life of 12 months from the date of delivery note

i Mirror surface max. 1.0 m² · Mirror glass thickness 6 mm

Included in delivery:

2x Metal plates without ridge, 100 x 100 x 2 mm with Xtramount® mirror adhesive tape

2x Metal plates with ridge 100 x 100 x 2 mm with Xtramount® mirror adhesive tape

4x Magnets ø 45 mm

4x Countersunk screws ø 4 x 50 mm

4x Plugs ø 6 x 36 mm

Art. No.	Description
BO 5208240	SafemaX® 10-SK

SafefiX® Mirror Mounting Sets

Easy and economic suspension with mounting plates and eccentric discs if no anti jump mechanism is required. To compensate for uneven walls, we recommend our Euroclick Type 3 shims.

▶ Mounting Kit SafefiX® 04



Mounting kit for mirrors up to 0.4 m² · resting time only 30 minutes · suitable for humid environments and suitable to a limited extent for exterior applications · suitable for mirrors according to DIN EN 1036 · shelf life of 12 months from the date of delivery note

i Mirror surface max. 0.4 m² · Mirror glass thickness 6 mm

Included in delivery:

1x Lipped plate 100 x 100 mm with Xtramount® mirror adhesive tape

1x Eccentric disc

2x Spacers

1x Countersunk screw ø 4 x 50 mm

1x Plugs ø 6 x 36 mm

Art. No.	Description
BO 5208219	SafefiX® 04

▶ Mounting Kit SafefiX® 08



Mounting kit for mirrors up to 0.8 m² · resting time only 30 minutes · suitable for humid environments and suitable to a limited extent for exterior applications · suitable for mirrors according to DIN EN 1036 · shelf life of 12 months from the date of delivery note

i Mirror surface max. 0.8 m² · Mirror glass thickness 6 mm

Included in delivery:

2x Lipped plates 100 x 100 mm with Xtramount® mirror adhesive tape

2x Eccentric discs

2x Spacers

2x Countersunk screws ø 4 x 50 mm

2x Plugs ø 6 x 36 mm

Art. No.	Description
BO 5208220	SafefiX® 08

Mirror Fixing Accessories

All self-adhesive metal plates have been tested for use on the rear side of a mirror according to DIN EN 1036. **The plates must not be used on mirror safety backing films or other films.** Adhesion reduces on glass surfaces. They have to be tested on a case-by-case basis before use. Clean the back of the mirror or glass with a silicone-free glass cleaner such as Bohle Special Glass Cleaner B05107910, ensuring the mirror or glass is clean, dry and grease-free. Room temperature should be above 18°C and the temperature of metal plate and mirror should be roughly the same. After removing the protective film from the self-adhesive plates, press the plates firmly, evenly and directly onto the back of the mirror by applying approx. 200N (20 kg) pressure for approx. 5 seconds. The distance to the top edge and side edges of the mirror should be approx. 10 cm. After 30 minutes resting time, press on the plates firmly once again, then the mirror can be mounted immediately.

Note on the load capacity of the plates:

Indicated load capacities of the metal plates apply per plate, when the mirror glass has a max. thickness of 6 mm and when used with our mirror fixing supplies. The load capacity of the plates used with magnets is calculated on the basis of at least 4 plates per m² of mirror, whereby the plates used at the top of the mirror must be ridged (ridge must face upwards). Always press on the plates over their entire surface. Only in this way is the max. load capacity achieved.

▶ Metal Plate with One Eyelet



The self-adhesive plates are backed with Xtramount® mirror adhesive tape · suitable for humid environments and suitable to a limited extent for exterior applications · suitable for mirrors according to DIN EN 1036 · shelf life of 12 months from the date of delivery note

i Finish galvanised · Sales unit 10 items

Art. No.	Size · Version · Load capacity*/ plate
BO 5208627	70 x 70 mm · uncoated
BO 5208626	70 x 70 mm · self-adhesive · 3 kg
BO 5208615	100 x 100 mm · uncoated
BO 5208606	100 x 100 mm · self-adhesive · 6 kg
BO 5208616	200 x 100 mm · uncoated
BO 5208607	200 x 100 mm · self-adhesive · 12 kg

▶ Metal Plate with Two Eyelets



The self-adhesive plates are backed with Xtramount® mirror adhesive tape · suitable for humid environments and suitable to a limited extent for exterior applications · suitable for mirrors according to DIN EN 1036 · shelf life of 12 months from the date of delivery note

i Finish galvanised · Sales unit 10 items

Art. No.	Size · Version · Load capacity*/ plate
BO 5208617	100 x 100 mm · uncoated
BO 5208610	100 x 100 mm · self-adhesive · 6 kg
BO 5208618	200 x 100 mm · uncoated
BO 5208619	200 x 100 mm · self-adhesive · 12 kg

▶ Metal Plate with Three Eyelets



The self-adhesive plates are backed with Xtramount® mirror adhesive tape · suitable for humid environments and suitable to a limited extent for exterior applications · suitable for mirrors according to DIN EN 1036 · shelf life of 12 months from the date of delivery note

i Finish galvanised · Sales unit 10 items

Art. No.	Size · Version · Load capacity*/ plate
BO 5208629	180 x 180 x 1 mm · self-adhesive · 18 kg
BO 5208630	180 x 180 x 1 mm · uncoated

▶ Concealed Mirror Hanging Device Vitofix Plus



Self-adhesive · for safe and flexible mirror mounting

i Mirror surface up to 0.8 m² · Mirror glass thickness up to 6 mm · Sales unit 1 pair

Art. No.	Description
BO 5208932	Concealed Mirror Hanging Device

▶ Concealed Mirror Hanging Device Vitofix Plus



Self-adhesive · with Velcro fastening · for safe and flexible mirror mounting

i Mirror surface up to 1.6 m² · Mirror glass thickness up to 6 mm · Sales unit 1 pair

Art. No.	Description
BO 5208931	Concealed Mirror Hanging Device

▶ Metal Plate lipped



The self-adhesive plates are backed with Xtramount® mirror adhesive tape · suitable for humid environments and suitable to a limited extent for exterior applications · suitable for mirrors according to DIN EN 1036 · shelf life of 12 months from the date of delivery note

i Finish galvanised · Sales unit 10 items

Art. No.	Size · Version · Load capacity*/ plate
BO 5208620	100 x 100 mm · uncoated
BO 5208612	100 x 100 mm · self-adhesive · 6 kg
BO 5208621	200 x 100 mm · uncoated
BO 5208613	200 x 100 mm · self-adhesive · 12 kg



Metal Plate smooth



Tested for use with our mirror magnet BO 5208601 · The self-adhesive plates are backed with Xtramount® mirror adhesive tape · suitable for humid environments and suitable to a limited extent for exterior applications · suitable for mirrors according to DIN EN 1036 · shelf life of 12 months from the date of delivery note

i Plate thickness 2 mm · Finish galvanised · Sales unit 10 items

Art. No.	Size · Version · Load capacity*/ plate
BO 5208605	70 x 70 mm · uncoated
BO 5208609	70 x 70 mm · self-adhesive · 3 kg
BO 5208622	100 x 100 mm · uncoated
BO 5208623	100 x 100 mm · self-adhesive · 4 kg



Metal Plate with Ridge



Tested for use with our mirror magnet BO 5208601 · The self-adhesive plates are backed with Xtramount® mirror adhesive tape · suitable for humid environments and suitable to a limited extent for exterior applications · suitable for mirrors according to DIN EN 1036 · shelf life of 12 months from the date of delivery note

i Plate thickness 2 mm · Finish galvanised · Sales unit 10 items

Art. No.	Size · Version · Load capacity*/ plate
BO 5208604	70 x 70 mm · uncoated
BO 5208608	70 x 70 mm · self-adhesive · 3 kg
BO 5208624	100 x 100 mm · uncoated
BO 5208625	100 x 100 mm · self-adhesive · 4 kg



Tesa Protective Adhesive Tape



For making sure mirrors are non-splintering in case of breakage · the tape is adhered to the mirror back and holds the mirror pieces together in case the glass should break · conforms to all safety regulations of workplace directives and to the specifications according to DIN EN 12600

i Roll length 25 m

Art. No.	Roll width
BO 5207873	300 mm
BO 5207874	500 mm

Practical Tip:

Leave the spaces around the mirror fixings free!



Mirror Magnet



The shear strength is calculated and tested for vertical mounting of mirrors with our metal plates of 2 mm thickness (see also "Note on the load capacity of the plates").

i Diameter 45 mm · Height 12.3 mm · Bore hole eccentric \varnothing 5 mm · Shear strength 4 kg · Adhesive strength 10 kg · Sales unit 10 items

Art. No.	Description
BO 5208601	Mirror Magnet

▶ Eccentric Discs with Scale



Eccentric discs are supplied with adjustment scale. The necessary height adjustment (+/- 4 mm = 8 mm) can immediately be read from the front of the disc. · With 5 mm \varnothing countersunk hole and lateral pinhole for easy adjustment. Made of high quality, impact resistant plastic.

i Diameter 37 mm · Height 12 mm · Sales unit 10 items

Art. No.	Description
BO 5208602	Eccentric Discs with Scale

▶ Press Button



For fixing and securing of mirrors, whilst providing anti jump and unhinging protection · self-adhesive · pull-off force of press button approx. 1.8 kg \pm 0.3 kg

i Diameter 50 mm · Height 13 mm · Sales unit 10 items

Art. No.	Description
BO 5208611	Press Button

▶ Mounting Plate



With elongated hole for height adjustment up to approx. 20 mm and two additional fixing holes

i Material galvanised sheet steel · Sales unit 10 items

Art. No.	Description
BO 5208614	Mounting Plate

▶ Spacers



Self-adhesive coating on one side · prevents deflection of large mirrors

i Size 20 x 20 x 13 mm · Material high strength rigid foam · Sales unit 1 item

Art. No.	Description
BO 5208600	Spacers

▶ Spacers



Self-adhesive

i \varnothing 20.6 mm · Height 13.2 mm · Packaging unit 100 items

Art. No.	Description
BO 5208603	Spacers

Mirror Adhesive Tapes and Mirror Adhesives

Apart from the proven mirror fixing sets, mirror adhesive tapes or silicone adhesives are also often used, especially when it comes to flush mirror mounting. Here you will also find the high quality Xtramount® mirror adhesive tape which has already been used for mounting the metal plates.

Mounting Instructions for Xtramount®

The back of the mirror and the concealed mirror rails must be clean, dry and grease-free, we recommend you use Bohle Special Glass Cleaner BO5107910. The Xtramount® must be applied to the concealed mirror rails without trapping air bubbles and then pressed on firmly. Next, the protective film of the Xtramount® is removed and the concealed mirror rail must be directly pressed onto the back of the mirror firmly (approx. 200N / 20 kg) and evenly, again taking care to avoid bubbles. The maximum load capacity of Xtramount® is achieved 10 hours after having been taped to the mirror. Suitable for mirrors per DIN EN 1036.

▶ Mirror Adhesive Tape Xtramount®



Xtramount® is a double-sided mirror adhesive tape made of closed-cell polyethylene foam (density 100 kg/m³), coated on both sides with a solvent-based, pure acrylate adhesive and protected on one side by brown release paper. Xtramount® was specially developed for vertical mounting of mirrors per DIN EN 1036, but can also be used for many other materials such as metal plates, some plastics, glass or ceramic. Xtramount® offers you the following benefits:

- Excellent resistance to humidity
- Good initial tack
- UV resistant
- Suitable for outdoor use to a limited extent
- Temperature resistant from -30° C to +100° C
- Shelf life: 12 months
- Excellent resistance to water, plasticisers, oils and solvents

Art. No.	Width · Thickness · Length
BO 5207760	15 mm · 0.8 mm · 5 m
BO 5207770	19 mm · 0.8 mm · 5 m
BO 5207775	19 mm · 1.6 mm · 5 m
BO 5207780	25 mm · 0.8 mm · 5 m
BO 5207785	25 mm · 1.6 mm · 5 m
BO 5207761	15 mm · 0.8 mm · 50 m
BO 5207771	19 mm · 0.8 mm · 50 m
BO 5207781	25 mm · 0.8 mm · 50 m
BO 5207776	19 mm · 1.6 mm · 25 m
BO 5207786	25 mm · 1.6 mm · 25 m
BO 5207756	70 mm · 0.8 mm · 10 m
BO 5207757	70 mm · 0.8 mm · 50 m
BO 5207758	100 mm · 0.8 mm · 10 m
BO 5207759	100 mm · 0.8 mm · 50 m

Mirror Adhesive Tape XtraCryl



Highly transparent, polyacrylate-based adhesive tape with adhesive on both sides. It has an excellent initial tack, offering a high degree of security shortly after application. XtraCryl shows excellent resistance to ageing, weathering, temperature and solvents and is ideal for bonding rough materials as well as for permanently bonding glass, metal, mirrors as per DIN EN 1036 and many plastics. Stresses in the adhesive bond are reduced and the strength of the bond increases greatly over time. We particularly recommend XtraCryl for mounting laminated safety glass mirrors and when bonding cast resin panes.

Technical data: Peel strength*: steel up to 45N/25mm, glass up to 43N/25mm · Shear strength**: up to 45N/625 mm² at 20°C, up to 15N/625 mm² at 70°C · Temperature range: -40°C to +120°C, for short periods of time up to +150°C · Shelf life: 12 months (room temperature 20°C, humidity 50 %)

(According to AFERA *4001, **4012, depending on thickness, technical data can vary slightly - please request our data sheet.)

Art. No.	Width · Thickness · Length
BO 5207740	6 mm · 1.0 mm · 25 m
BO 5207840	6 mm · 2.0 mm · 16.5 m
BO 5207940	6 mm · 3.0 mm · 12.5 m
BO 5207741	9 mm · 1.0 mm · 25 m
BO 5207841	9 mm · 2.0 mm · 16.5 m
BO 5207941	9 mm · 3.0 mm · 12.5 m
BO 5207742	12 mm · 1.0 mm · 25 m
BO 5207842	12 mm · 2.0 mm · 16.5 m
BO 5207942	12 mm · 3.0 mm · 12.5 m
BO 5207743	15 mm · 1.0 mm · 25 m
BO 5207843	15 mm · 2.0 mm · 16.5 m
BO 5207943	15 mm · 3.0 mm · 12.5 m
BO 5207744	19 mm · 1.0 mm · 25 m
BO 5207844	19 mm · 2.0 mm · 16.5 m
BO 5207944	19 mm · 3.0 mm · 12.5 m
BO 5207745	25 mm · 1.0 mm · 25 m
BO 5207845	25 mm · 2.0 mm · 16.5 m
BO 5207945	25 mm · 3.0 mm · 12.5 m

Mirror Adhesive Xtragrip®



Solvent-free, neutral, silicone-based single-component adhesive (oxime-free). Intended for stress-compensating mirror bonding onto wood, concrete, stone, glass, metal, etc. Porous surfaces must first be treated with a primer. Not suitable for force-fit connections. Xtragrip® is easy to work with, stays permanently elastic, and does not corrode the mirror coating.

Technical data: Basis: polysiloxane (oxime-free) · Consistency: stable paste · Curing system: polymerisation by humidity · Skin formation: approx. 10 min. (+20°C and 65% rel. humidity) · Curing speed: 1mm / 24 h. (+20°C and 65% rel. humidity) · Density: 1.36 · Thermal stability: -50°C to +120°C

Art. No.	Description · Contents
BO 6002005S	Cartridge · 310 ml
BO 6002005	This product is only available from Bohle Ltd. in Great Britain. · 310 ml



Primer Xtraprime



Improves the adhesive capacity of Xtragrip® mirror adhesive on porous surfaces (also suitable for use with other silicone adhesives or MS polymers). Xtraprime is also recommended to prime surfaces subject to humidity. Xtraprime is thin and transparent. Instructions for use: Processing temperature +5°C to +25°C. The bonding surface must be clean, dry and free of dust and grease. Generously apply Xtraprime undiluted with a brush. Allow Xtraprime to dry thoroughly (approx. 60 min. at +20°C / 65% relative humidity) before applying adhesive. To ensure that the substrate is completely covered, a second coating of Xtraprime can be applied. After Xtraprime has been applied, protect the surface against moisture and dirt. Covers approx. 5 m²/litre, depending on the condition of the substrate.

Art. No.	Contents
BO 6002006	500 ml



Double-Sided Foam Tape



All-round adhesive tape for emergency glazing and mirrors per DIN EN 1036 · also suitable for many metals and some plastics · weather-resistant polyethylene foam (80 kg/m³) · coated with a modified acrylate adhesive · good UV resistance · resistant to plasticisers and oils

Art. No.	Width · Thickness · Length
BO 5207790	19 mm · 0.8 mm · 5 m
BO 5207791	19 mm · 0.8 mm · 50 m



Mirror Adhesive Tape Scotchmount™



For many decades Scotchmount™ mirror adhesive tapes have been used successfully for permanently fixing mirrors in furniture construction or shopfitting · suitable for indoor use only · not suitable for humid environments

Art. No.	Width · Thickness · Length
BO 5207919	19 mm · 1.6 mm · 33 m
BO 5207925	25 mm · 1.6 mm · 33 m
BO 5207819	19 mm · 0.8 mm · 66 m
BO 5207825	25 mm · 0.8 mm · 66 m



Coupling Agent Scotch Primer



For improving the adhesive strength of Scotchmount™ mirror adhesive tapes · good temperature stability · good ageing resistance

Art. No.	Contents
BO 5207951	1000 ml



Mirror Adhesive Tape Vito



Double-sided adhesive tape with high initial and good final adhesive strength · for permanent indoor mounting of mirrors per DIN EN 1036 · not suitable for humid rooms

Art. No.	Width · Thickness · Length
BO 5207719	19 mm · 0.8 mm · 5 m
BO 6999937	19 mm · 1.6 mm · 5 m
BO 5207722	19 mm · 1.6 mm · 33 m
BO 5207723	25 mm · 1.6 mm · 33 m
BO 5207720	19 mm · 1 mm · 50 m
BO 5207721	25 mm · 1 mm · 50 m
BO 6999925	19 mm · 1 mm · 66 mm



Adhesive Bonding Tapes Bohle Duplocoll®



For different applications, such as all-glass partition walls, furniture, shower cubicles and much more · For different materials, such as wood, aluminium, plastic, ceramic or glass · High transparency due to a light refractive index almost identical to glass · Antimicrobial effect - inhibits growth of microorganisms · By sealing the edges of the adhesive tape, Duplocoll® becomes dry after adhesion and resistant to external influences · Elongation of up to 500% and highly split-resistant · Resistant to chemicals and softeners · Very good initial tack, lasting ultimate bonding strength · Also suitable for rough surfaces: The viscoelastic adhesive film distributes evenly across rough surfaces. · Resistant to ageing and UV radiation, economic, high quality and does not affect the external appearance of the construction

i Thickness 3 mm · Colour transparent · Roll length 12 m · Max. allowable continuous temperature: -40°C - +100 °C · Please note: Use the corresponding applicator to ensure simple and precise application on the glass edge.

Art. No.	Width · Glass thickness
BO 5207936	5 mm · 8 mm
BO 5207938	7 mm · 10 mm
BO 5207935	9 mm · 12-12.7 mm
BO 5207939	Applicator · 8, 10 mm
BO 5207948	Inlay for BO 5207939 · 10, 12 mm
BO 5207946	Applicator · 10.76; 12.7; 12.76 mm
BO 5207947	Inlay for BO 5207946 · 8.76; 10.76 mm

We recommend the seaming tools BO 650.30 or BO 650.32 as auxiliary tools for joining the glass panes.



Mirror Profiles, Mirror Clips and Mirror Screws

Depending on specifications, type of transport and destination, the following products might need to be declared as bulky goods. Please contact your service representative for details.

▶ Concealed Mirror Rails



Only one profile required to mount the mirror · load capacity per linear metre of rail approx. 20kg · Please order 70 mm Xtramount separately

i Width 80 mm · Length 2 m · Material light alloy with protective anodised coating

Art. No.	Finish
BO 5208016	anodised E6/EV1

▶ Mirror Adhesive Tape Xtramount®



Suitable for concealed mirror rails BO 5208016 · Xtramount® is a double-sided mirror adhesive tape made of closed-cell polyethylene foam (density 100 kg/m³), coated on both sides with a solvent-based, pure acrylate adhesive and protected on one side by brown release paper. Xtramount® was specially developed for vertical mounting of mirrors per DIN EN 1036, but can also be used for many other materials such as metal plates, some plastics, glass or ceramic. Xtramount® offers you the following benefits: - Excellent resistance to humidity - Good initial tack - UV resistant - Suitable for outdoor use to a limited extent - Temperature resistant from -30° C to +100° C - Shelf life: 12 months - Excellent resistance to water, plasticisers, oils and solvents

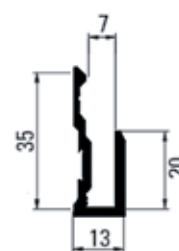
Art. No.	Width · Thickness · Length
BO 5207757	70 mm · 0.8 mm · 50 m
BO 5207756	70 mm · 0.8 mm · 10 m

▶ Mirror Profile



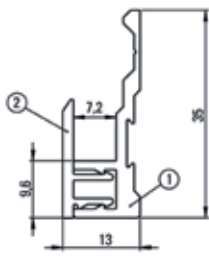
For safe and easy mounting of mirrors · End caps sold in sets of 5 x left and 5 x right

i Stock lengths 5 m · Mirror size = installation height - 24 mm



Art. No.	Description · Finish
BO 5208001	Mirror Profile · anodised E6/EV1
BO 5208004	Mirror Profile · stainless steel look brushed E1/C31
BO 5208012	Mirror Profile · pure white RAL 9010
BO 5208030	Set of end caps, silver · plastic
BO 5208031	Set of end caps, stainless steel look · plastic
BO 5208032	Set of end caps, pure white RAL 9010 · plastic

Clip-On Mirror Profile

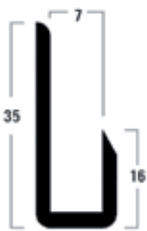


End caps sold in sets of 5 x left and 5 x right

i Stock lengths 5 m · Material aluminium

Art. No.	Description · Finish
BO 5208025	Clip-On Mirror Profile · anodised E6/EV1
BO 5208026	Clip-On Mirror Profile · stainless steel look brushed E1/C31
BO 5208030	Set of end caps, silver · plastic
BO 5208031	Set of end caps, stainless steel look · plastic
BO 5208032	Set of end caps, pure white RAL 9010 · plastic

J-Bar



i Mirror glass thickness 6 mm · Material thickness 1.0 mm · Finish anodised E6/EV1 · Material aluminium

Art. No.	Length
BO 6703449	2150 mm
BO 6703450	2500 mm
BO 6703451	5000 mm

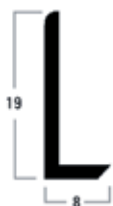
End Cap



i Material thickness 1.0 mm · Finish anodised E6/EV1 · Material aluminium

Art. No.	Length
BO 6703452	2150 mm
BO 6703453	2500 mm
BO 6703454	5000 mm

End Cap



i Material thickness 1.0 mm · Finish anodised E6/EV1 · Material aluminium

Art. No.	Length
BO 6703455	2150 mm
BO 6703456	2500 mm
BO 6703457	5000 mm

H-Bar

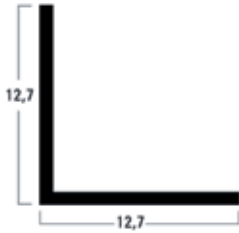


i Mirror glass thickness 6 mm · Finish anodised E6/EV1 · Material aluminium

Art. No.	Length
BO 6703458	2150 mm
BO 6703459	2500 mm
BO 6703460	5000 mm



L-Profile

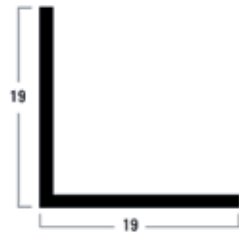


i Material thickness 1.5 mm · Material aluminium

Art. No.	Length · Finish
BO 5201504	2150 mm · anodised E6/EV1
BO 5201505	2150 mm · polished anodised E3/EV1
BO 5201506	2150 mm · stainless steel look brushed E1/C31
BO 5201507	2500 mm · anodised E6/EV1
BO 5201508	2500 mm · polished anodised E3/EV1
BO 5201509	2500 mm · stainless steel look brushed E1/C31
BO 5201531	5000 mm · anodised E6/EV1
BO 5201532	5000 mm · polished anodised E3/EV1
BO 5201533	5000 mm · stainless steel look brushed E1/C31



L-Profile

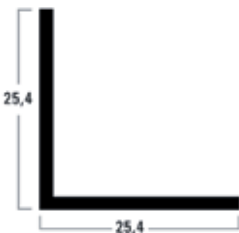


i Material thickness 1.5 mm · Material aluminium

Art. No.	Length · Finish
BO 5201514	2150 mm · anodised E6/EV1
BO 5201515	2150 mm · polished anodised E3/EV1
BO 5201516	2150 mm · stainless steel look brushed E1/C31
BO 5201517	2500 mm · anodised E6/EV1
BO 5201518	2500 mm · polished anodised E3/EV1
BO 5201519	2500 mm · stainless steel look brushed E1/C31
BO 5201534	5000 mm · anodised E6/EV1
BO 5201535	5000 mm · polished anodised E3/EV1
BO 5201536	5000 mm · stainless steel look brushed E1/C31



L-Profile



i Material thickness 1.5 mm · Material aluminium

Art. No.	Length · Finish
BO 5201524	2150 mm · anodised E6/EV1
BO 5201525	2150 mm · polished anodised E3/EV1
BO 5201526	2150 mm · stainless steel look brushed E1/C31
BO 5201527	2500 mm · anodised E6/EV1
BO 5201528	2500 mm · polished anodised E3/EV1
BO 5201529	2500 mm · stainless steel look brushed E1/C31
BO 5201537	5000 mm · anodised E6/EV1
BO 5201538	5000 mm · polished anodised E3/EV1
BO 5201539	5000 mm · stainless steel look brushed E1/C31

Mirror Clips



With cork insert

i Load capacity max. 12 kg · Glass thickness max. 6 mm · Material steel, chrome-plated

Included in delivery:
2x Lower supporting clips
2x Upper holding clips with coil
4x Wood Screws
4x Plugs

Art. No.	Description
BO 5207400	Mirror Clips

Mirror Clips



With cork insert · sturdy design

i Load capacity max. 28 kg · Glass thickness max. 6 mm

Included in delivery:
4x Adjustable clips
4x Wood screws 4 x 35 mm
4x Thin cork plates

Art. No.	Description
BO 5207500	Mirror Clips

Mirror Clips with Clip-On Function



i Load capacity max. 15 kg · Glass thickness max. 6 mm · Material brass, chrome-plated

Included in delivery:
2x Lower supporting clips
2x Upper holding clips
4x Wood Screws
4x Plugs

Art. No.	Description
BO 5207600	Mirror Clips with Clip-On Function

GM PICO

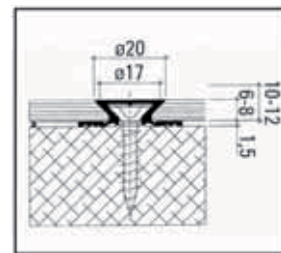
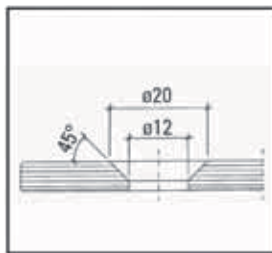
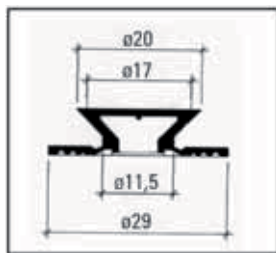


For flush mounting of mirror or glass elements indoors · incl. nickel-plated cover cap (stainless steel look) · minimum distance from glass edge to centre of drill hole: float glass and mirrors: min. 20 mm; tempered glass: 2 x glass thickness + 10 mm · Suitable fixing screw BO 5211153

i Load capacity per support 5 kg

Art. No.	Panel thickness · Colour
BO 5206010	6-8 mm · black
BO 5206011	6-8 mm · transparent
BO 5206012	10-12 mm · black
BO 5206013	10-12 mm · transparent
BO 5211153	Fixing Screws · 50 mm

Please note:
Flush supports are not suitable for overhead glazing!



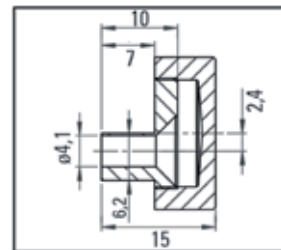
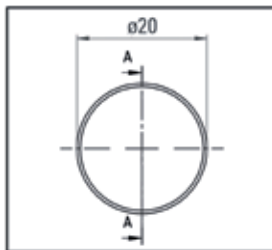
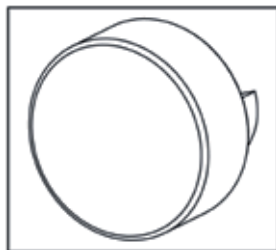
Mirror Screws round



With screw-on cover caps · with plug and wood screw · no drill hole required in the mirror

i Diameter 20 mm · Glass thickness 5 - 6 mm · Packaging unit 4 items

Art. No.	Finish
BO 5200079	brass, chrome-plated



Mirror Screws pointed



i Version pointed · Material brass · Threaded pin 1/8" · Thread length 7 mm · Cap height 4 mm · Sales unit 100 items

Art. No.	Diameter · Finish
BO 5200998	16 mm · nickel-plated
BO 5200995	16 mm · matt nickel-plated
BO 5200980	19 mm · nickel-plated
BO 5200996	19 mm · matt nickel-plated
BO 5200981	24 mm · nickel-plated
BO 5200997	24 mm · matt nickel-plated

Mirror Screws flat



i Version flat · Material brass · Threaded pin 1/8" · Thread length 7 mm · Sales unit 100 items

Art. No.	Diameter · Finish
BO 5200989	18 mm · nickel-plated
BO 5200993	18 mm · matt nickel-plated
BO 5200990	21 mm · nickel-plated
BO 5200994	21 mm · matt nickel-plated

Wood Screws



Suitable for pointed domeheads and flatheads

i Material galvanised iron · Inner thread 1/8" · Sales unit 100 items

Art. No.	Size
BO 5200991	4,5 x 25 mm
BO 5200992	4,5 x 30 mm
BO 5200984	4,5 x 35 mm
BO 5200985	4,5 x 40 mm

Protective Sleeve



For avoiding direct contact between wood screw and mirror when using mirror screws · sales unit = 100 items

i Drill hole in glass \varnothing 7 mm

Art. No.	Description
BO 5200988	Protective Sleeve

Shims Euroclick Type 3



To compensate for uneven walls or as a larger spacer between wall and mirror, e.g. when hiding a transformer behind the mirror. The Euroclick is clipped onto the screw between the wall and the eccentric disc, for example.

i Packaging unit 100 items

Art. No.	Length · Width · Thickness · Colour
BO 5133101	40 mm · 30 mm · 1 mm · neutral
BO 5133102	40 mm · 30 mm · 2 mm · blue
BO 5133103	40 mm · 30 mm · 3 mm · red
BO 5133104	40 mm · 30 mm · 4 mm · yellow
BO 5133105	40 mm · 30 mm · 5 mm · green
BO 5133106	40 mm · 30 mm · 6 mm · black
BO 5133108	40 mm · 30 mm · 8 mm · grey
BO 5133110	40 mm · 30 mm · 10 mm · brown

▶ Transparent Setting and Distance Strips



Transparent setting strips made of plastic · for use when mounting all-glass showers, all-glass assemblies, mirrors or other glazing applications

Art. No.	Length · Width · Thickness · Packaging unit · Description
BO 5121001	50 mm · 6 mm · 1 mm · 100 items
BO 5121002	50 mm · 6 mm · 2 mm · 100 items
BO 5121003	50 mm · 6 mm · 3 mm · 100 items
BO 5121004	50 mm · 6 mm · 4 mm · 100 items
BO 5121005	50 mm · 6 mm · 5 mm · 100 items
BO 5121006	50 mm · 6 mm · 6 mm · 100 items
BO 5121008	50 mm · 6 mm · 8 mm · 100 items
BO 5121010	50 mm · 6 mm · 10 mm · 100 items
BO 5121011	200 items · Set of 25 pieces each, 1, 2, 3, 4, 5, 6, 8 and 10 mm

▶ Transparent Setting and Distance Strips sold per roll

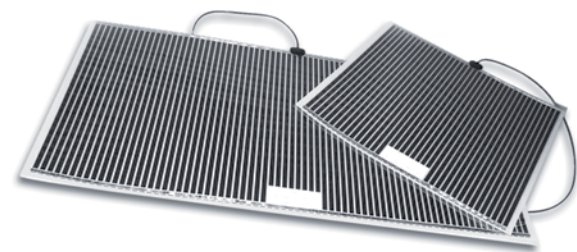


Transparent setting strips made of plastic for cutting to your desired length · for use when mounting all-glass showers, all-glass assemblies, mirrors or other glazing applications.

Art. No.	Length · Width · Thickness
BO 5121002R	5 m · 6 mm · 2 mm
BO 5121003R	5 m · 6 mm · 3 mm
BO 5121004R	5 m · 6 mm · 4 mm

▶ Demisting Pads for Mirrors

Prevents steamed up bathroom mirrors · the demisting pad is self-adhesive and fits to the back of the mirror · electric conductors in the film heat the mirror to approx. 30°C, thus preventing condensation on the mirror · film thickness approx. 0.8 mm, connection for power supply approx. 7 mm thick · cable with Euro plug approx. 1 m long · fully approved to BS and international standards by BEAB and other recognised test houses



Art. No.	Length · Width
BO 60GNX30	150 mm · 274 mm
BO 60GNX31	274 mm · 274 mm
BO 60GNX32	274 mm · 574 mm
BO 60GNX33	524 mm · 524 mm
BO 60GNX34	524 mm · 1024 mm

09

Soudal Sealants



Soudal Sealants

Soudal is a leading manufacturer of high quality sealants. As of now, Bohle will be offering an extensive portfolio of permanently elastic silicones, acrylic sealants and additional sealing accessories. If you have further questions concerning Soudal products, do not hesitate to contact us!

Soudal Silirub N



Silirub N is a neutrally hardening, permanently elastic, one-component joint sealant on silicone basis for building and construction joints, connection joints to structural elements made of wood, metal and plastic, glass/frame sealing in conjunction with wood, aluminium and PVC and expansion joints between the most diverse construction materials

i Cartridge : 310 ml

Art. No.	Colour · Sales unit
BO 570000S	transparent · single cartridge
BO 5700000	transparent · 15 items
BO 5700001S	white · single cartridge
BO 5700001	white · 15 items
BO 5700002S	brown · single cartridge
BO 5700002	brown · 15 items
BO 5700003S	black · single cartridge
BO 5700003	black · 15 items
BO 5700004S	grey · single cartridge
BO 5700004	grey · 15 items



Neutrally cross-linking, permanently elastic, premium silicone sealant. Virtually odourless. For professionally sealing expansion and connection joints under extreme continuous load for all applications in the building sector, such as connection joints without diffusion barrier in exterior applications between brickwork and door or window according to EnEV DIN 4108 and the RAL guidelines. Optimally suited for glass/frame sealing, sealing in conjunction with wood, aluminium, metal, plastic, PVC. Ideal for expansion and connection joints in sanitary facilities. Temperature resistant between - 60°C to + 180°C. Easy application. Corrosion resistant. Complies with DIN 18545-part 2,E / ISO 11600-F-25LM and forms part of ift guideline MO-01/1:2007-01 (Structural connection of windows, component test 105 32389/1, ift Rosenheim). Suitable for the ift certified SOUDAL WINDOW SYSTEM (SWS).

i Cartridge : 310 ml

Art. No.	Colour - Sales unit
BO 5710000S	transparent - 1 items
BO 5710000	transparent - 15 items
BO 5710001S	white - 1 items
BO 5710001	white - 15 items
BO 5710002S	brown - 1 items
BO 5710002	brown - 15 items
BO 5710003S	black - 1 items
BO 5710003	black - 15 items
BO 5710004S	grey - 1 items
BO 5710004	grey - 15 items
BO 5710005S	manhattan - 1 items
BO 5710005	manhattan - 15 items
BO 5710006S	dust grey - 1 items
BO 5710006	dust grey - 15 items
BO 5710007S	anthracite - 1 items
BO 5710007	anthracite - 15 items
BO 5710011S	oak - 1 items
BO 5710011	oak - 15 items
BO 5710012S	light brown - 1 items
BO 5710012	light brown - 15 items
BO 5710013S	chocolate brown - 1 items
BO 5710013	chocolate brown - 15 items
BO 5710014S	concrete grey light - 1 items
BO 5710014	concrete grey light - 15 items



Soudal Silirub+ S 8800



SOUDAL



Neutral, permanently elastic, one-component, supreme quality natural stone sealant on silicone basis. Suitable for permanently elastic seals and bonds involving marble, granite and other natural stones in sanitary and kitchen facilities with an admissible total deformation of 25% · No stringing · easily mouldable and smoothable · Non-staining on porous surfaces · Outstanding protection against fungal growth · Paint compatible according to DIN 52452-A1 · Complies with DIN/ISO 11600-F-25LM and DIN/ISO 846

i Cartridge : 310 ml

Art. No.	Colour · Sales unit
BO 5720000S	transparent · single cartridge
BO 5720000	transparent · 15 items
BO 5720001S	white · single cartridge
BO 5720001	white · 15 items
BO 5720003S	black · single cartridge
BO 5720003	black · 15 items
BO 5720004S	joint grey · single cartridge
BO 5720004	joint grey · 15 items
BO 5720005S	manhattan 848 · single cartridge
BO 5720005	manhattan 848 · 15 items
BO 5720006S	dust grey · single cartridge
BO 5720006	dust grey · 15 items
BO 5720007S	anthracite · single cartridge
BO 5720007	anthracite · 15 items
BO 5720008S	marble grey · single cartridge
BO 5720008	marble grey · 15 items
BO 5720009S	middle grey · single cartridge
BO 5720009	middle grey · 15 items
BO 5720010S	light beige · single cartridge
BO 5720010	light beige · 15 items



Soudal Silirub AQ



SOUDAL



Acetic cure, permanently elastic sealant/adhesive on silicone basis. For elastic bonds of all-glass aquariums, terrariums, display cabinets and glass constructions, bonding and sealing of glass components.

i Cartridge : 310 ml

Art. No.	Colour · Sales unit
BO 5730000S	transparent · single cartridge
BO 5730000	transparent · 15 items
BO 5730003S	black · single cartridge
BO 5730003	black · 15 items



Soudal Acryrub Pro P



High quality acrylic sealant for lightly loaded expansion and connection joints and cracks in brickwork, concrete, aerated concrete or plaster and window sills or shutter boxes. Connection joints (horizontal), also in sanitary facilities, for sealing plate joints, weald seams and overlappings in metal construction, apparatus engineering, climate building, ventilation construction, shipbuilding and container construction. Maximum total deformation 10%. Paint compatible according to DIN 52452.

i Cartridge : 310 ml

Art. No.	Colour - Sales unit
BO 5730001S	white - single cartridge
BO 5730001	white - 15 items



Soudal Seal MS Clear



Permanently elastic hybrid adhesive/sealant. Due to the crystal clear, permanently elastic curing of the adhesive/sealant on almost all surfaces, e.g. wood, metal, stone, concrete, ceramic, glass, plastic, PVC, etc. numerous barely visible applications when bonding, sealing, mounting and repairing can be achieved, e.g. bonding of shower walls, panels, frames, strips. Suitable for use in sanitary facilities, adheres also to humid surfaces. Paint compatible according to DIN 52452.

i Cartridge : 310 ml

Art. No.	Colour - Sales unit
BO 5730002S	crystal clear - single cartridge
BO 5730002	crystal clear - 12 items

Accessories



Smoothing Agent Soudal



Blend of 2 non-ionic surface activators. For smoothing the surface of fresh joint sealants such as silicone, hybrid polymers, polyurethane, etc. Promotes the quick curing of the sealant and improves the optical appearance of the joints.

Art. No.	Contents
BO 5740000	1 litre



Silicone Joint Remover Soudal



Gel on the basis of a solvent mixture. Especially developed for removing hardened and old silicone joints on different surfaces, e.g. for renewing the silicone joints in sanitary facilities.

Art. No.	Contents
BO 5740001	100 ml

▶ Soudal Surface Cleaner ✦



Liquid cleaner for removing fresh and non-hardened silicone, polyurethane and hybrid polymers on all non-porous surfaces, tools and accessories.

Art. No.	Contents
BO 5740002	500 ml

▶ Smoothing Spatula Soudaglatt ✦



Spatula for perfect smoothing of all kinds of joints. Impeccable joints of the most diverse types can be achieved thanks to the prefabricated brackets.

Art. No.	Description
BO 5740003	Smoothing Spatula

▶ Smoothing Spatula Vulkollan



For smoothing sealed surfaces

i Length 90 mm · Width 90 mm · Thickness 5 mm · Material Vulkollan

Art. No.	Description
BO 5166301	Smoothing Spatula

▶ Smoothing Spatula Non-Adhesive Special Plastic



Number 568

i Length 85 mm · Width 80 mm · Thickness 7 mm · Colour brown

Art. No.	Material
BO 5166303	Non-Adhesive Special Plastic

▶ Cartridge Knife



For opening cartridges · cuts plastic nozzles without burring

Art. No.	Description
BO 5166400	Cartridge Knife

10 | Skeleton Guns and Sealant Dispensers



Skeleton Guns and Sealant Dispensers

Our wide range of products provides you with the right tool for every sealing job: from manual and pneumatic sealant dispenser guns to cordless cartridge guns.

▶ Pneumatic Sealant Dispenser Gun



With reduction valve · closed version · steady forward feed

i Length aluminium barrel 215 mm · Diameter barrel 50 mm · For cartridges 310 ml

Art. No.	Description
BO 5104930	Pneumatic Sealant Dispenser Gun
BO 5104933	Ring and Union Nut

▶ Sealant Dispenser Gun



Closed version · steady forward feed

i Length aluminium barrel 215 mm · Diameter barrel 50 mm · For cartridges 310 ml

Art. No.	Description
BO 5104905	Sealant Dispenser Gun
BO 5104933	Ring and Union Nut

▶ "COX" Original Skeleton Gun



With automatic sealant stop

i For cartridges 310 ml

Art. No.	Description
BO 5104900	"COX" Original Skeleton Gun

▶ "COX" Original Skeleton Gun



Rotatable semi-shell · solid mechanism with patented anti-clamping device

i For cartridges 310 ml

Art. No.	Description
BO 5104902	"COX" Original Skeleton Gun



Skeleton Gun H40



Professional version · easy action and long service life · steel cartridge holder with nylon coating · automatic sealant stop

i For cartridges 310 ml

Art. No.	Description
BO 5105040	Skeleton Gun H40



Skeleton Gun



With rack

i For cartridges 310 ml · Colour blue

Art. No.	Description
BO 5104800	Skeleton Gun



Skeleton Gun H14



With fibreglass body · steel cartridge holder with nylon coating · easy action and long service life · automatic sealant stop

i For cartridges 310 ml

Art. No.	Description
BO 5105014	Skeleton Gun H14







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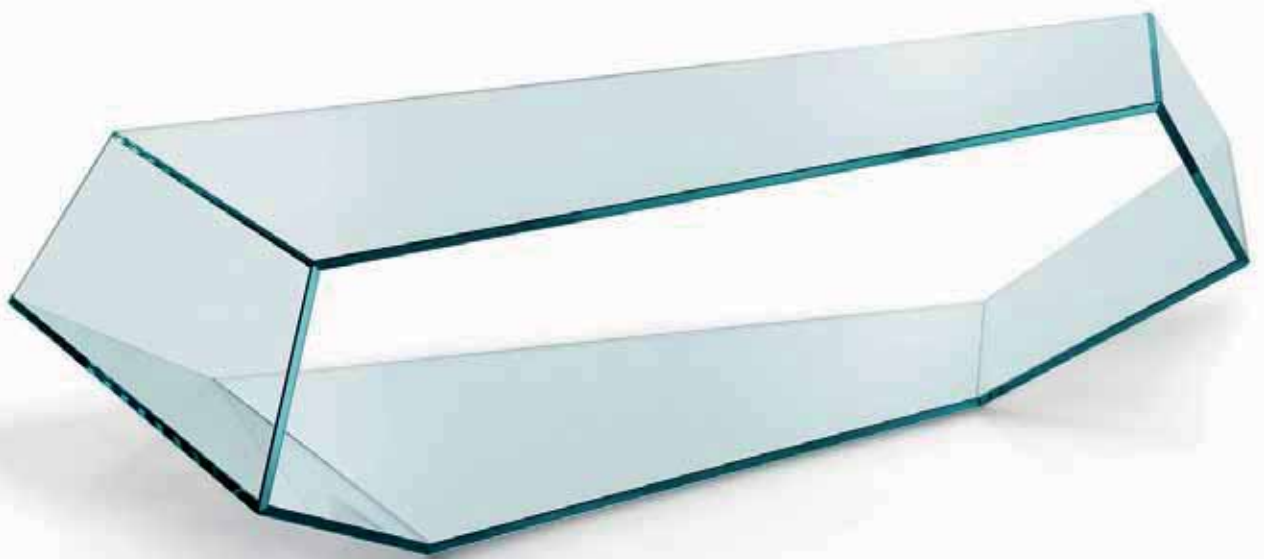
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