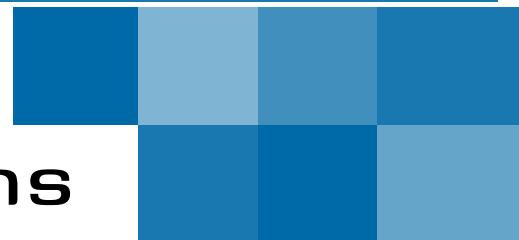


SIEGWARE



Architectural Innovations

Construction Catalogue 2020

Construction

Isocell Omega Light Underlay

Product information

An extremely permeable roof underlay for installation directly on thermal insulation, timber composite panels or timber sheathing, on a pitched roof as roofing underlay or as wind-proofing for the wall. Tested for rain tightness by 'Holzforschung Austria'. (Report no. 301/2003/1-T/HH)

Product information

- composition - 3 layer PP fleece
- thickness of 0.60mm
- anthracite
- weight per unit area - 145 (±5) gr / m²
- Sd value - 0.025m (+0.035/-0.01)
- temperature resistance from approx. -40°C to +80°C (short term 100°C)
- UV resistance - 4 weeks
- resistance to water penetration EN 1928 - W1
- elongation EN 12311-2 - 35-70% length, 50-90% width
- tensile strength EN 12311-2 - 300 (±40) N/50mm length, 220 (±20) N/50mm width
- tear propagation resistance EN 12310-1 - 175 (±30) N length, 150 (±30) N width
- storage - cool and dry
- fire performance EN 13501-1/EN 11925-2 - E

Product advantages

- rain-tight, wind-tight
- UV-stabilized
- 100% recyclable
- easy to cut
- anti-glare
- anti-slip



Uses

- for vented pitched roofs and external walls
- high quality protection for timber and insulation
- for installation directly on thermal insulation or timber sheathing
- for ventilated closed facades

Product code	Description	Width (m)	Length (m)	Roll area (m ²)	Packaging unit
2OMELI	Roof & wall underlay with two way adhesive strips	1.5	50	75	1
2OMELIPLWS	Roof & wall underlay with two way adhesive strips	1.5	50	75	1

Isocell Omega Light Underlay - continued

Guidelines for Installation

(1) Underlay (unsupported)

OMEGA roof underlay is nailed parallel to the eaves with a slight drape and laid and mechanically fixed above the rafters. Vertical overlaps/joins must always lie on a rafter. All overlaps must be bonded with OMEGA Quilli. Horizontal underlay panels can be joined using SK-DUO's adhesion as provided or with OMEGA Quilli (no pressure need be applied).

(2) Underlay (supported)

OMEGA roof underlay is laid on sheathing parallel to the eaves. The blankets are fixed with concealed nails spaced at 10 cm at the ridge-side edges (marks at edge). All overlaps/joins must be bonded with OMEGA Quilli (without applying pressure) or the integrated adhesive strips (applying adequate pressure). For the raintight version (temporary cover) a nail-seal under the counter batten (OMEGA Quilli or OMEGA Nail-Seal Tape) is necessary. The single-sided nail-seal tape must be attached to the roof underlay directly beneath the counter batten.

(3) Eaves construction

An eaves construction with drainage below the gutter is recommended so that excess water can easily drain off. The use of a metal sheet to drain off water is recommended.

(4) Ridge area

The ridge area is closed directly when covered with OMEGA roof underlay. This provides immediate protection against water penetration. In non-insulated lofts and/or ventilated interior insulation the ridge formation must be made open: the blankets end 3 cm before the ridge apex, counter battens are mounted and a 50 cm wide strip of OMEGA roof underlay must be attached over the roof apex.

(5) Valley formation

The first step in valley formation is to lay a continuous valley blanket.

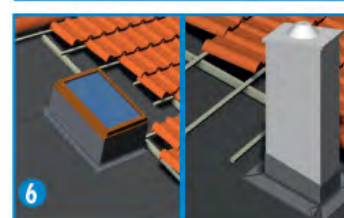
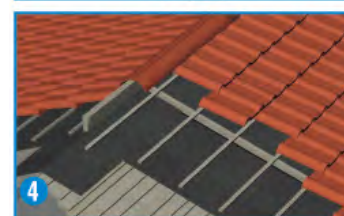
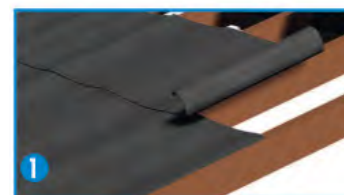
(6) Penetrations

Sections cut out for roof penetrations (extractor pipes, roof windows, chimneys, etc.) should be kept as small as possible and the ends of the sheets must be fixed so that no rain or snow can penetrate. To achieve a perfect seal the appropriate sealing tapes and sleeves supplied by ISOCELL GmbH must be used.

Ensure that the substrate is clean. The manufacturer can accept no liability for mechanical damage. The applicable regulations and guidelines must be observed.

Timber preservatives can influence the impermeability of the underlay. Siegware staff are happy to offer you technical support.

The roof underlay does not replace roof covering. The roof must be covered during the period of the specified weathering time. Early covering has a positive effect on the resistance to ageing.



Isocell Omega Mono 230 SK Duo Underlay

Product information

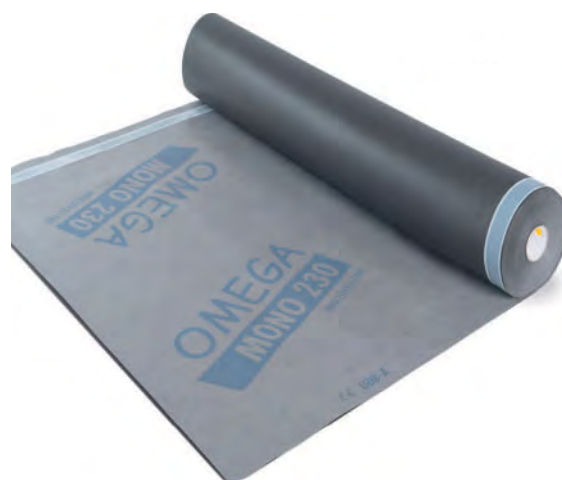
A non-vapour retardant roof underlay with two two-way acrylate adhesive strips for installation directly on the thermal insulation or the timber sheathing. In accordance with ÖNORM B 4119, the roof underlay is suitable for rainproof under-roofs as well as for under-roofs with increased rainproof properties with a roof pitch of > 15° and a snow load SK of up to 4.0 kN/m² and complies with the classification UDB-A and USB-A in accordance with the ZVDH Directive (ZVDH = German Central Association of the Roofing Trade).

Product information

- monolithic membrane with PP fleece on both sides and two-way acrylate adhesive strips
- thickness of 0.75mm
- light grey
- weight per unit area - 230 gr / m²
- Sd value - 0.08m
- temperature resistance from approx. -40°C to +80°C
- UV resistance - 12 weeks
- resistance to water penetration EN 1928 - W1
- elongation EN 12311-1 - 80% length, 83% width
- tensile strength EN 12311-1 - 320 N/50mm length, 270 N/50mm width
- tear propagation resistance EN 12310-1 - 200 N length, 220 N width
- storage - cool and dry
- fire performance EN 13501-1/EN 11925-0 - E

Product advantages

- rain-tight
- wind-tight
- 12 weeks UV-stability
- non-glare
- watertight
- easy to cut



Uses

- for vented pitched roofs
- for installation directly on the thermal insulation or the timber sheathing

Product code	Description	Width (m)	Length (m)	Roll area (m ²)	Packaging unit
2MONO230SK	Roof underlay with two way adhesive strips	1.5	50	75	1

Isocell Omega Mono 230 SK Duo Underlay - continued

Guidelines for Installation

(1) Underlay (unsupported)

OMEGA roof underlay is nailed parallel to the eaves with a slight drape and laid and mechanically fixed above the rafters. Vertical overlaps/joins must always lie on a rafter. All overlaps must be bonded with OMEGA Quilli. Horizontal underlay panels can be joined using SK-DUO's adhesion as provided or with OMEGA Quilli (no pressure need be applied).

(2) Underlay (supported)

OMEGA roof underlay is laid on sheathing parallel to the eaves. The blankets are fixed with concealed nails spaced at 10 cm at the ridge-side edges (marks at edge). All overlaps/joins must be bonded with OMEGA Quilli (without applying pressure) or the integrated adhesive strips (applying adequate pressure). For the raintight version (temporary cover) a nail-seal under the counter batten (OMEGA Quilli or OMEGA Nail-Seal Tape) is necessary. The single-sided nail-seal tape must be attached to the roof underlay directly beneath the counter batten.

(3) Eaves construction

An eaves construction with drainage below the gutter is recommended so that excess water can easily drain off. The use of a metal sheet to drain off water is recommended.

(4) Ridge area

The ridge area is closed directly when covered with OMEGA roof underlay. This provides immediate protection against water penetration. In non-insulated lofts and/or ventilated interior insulation the ridge formation must be made open: the blankets end 3 cm before the ridge apex, counter battens are mounted and a 50 cm wide strip of OMEGA roof underlay must be attached over the roof apex.

(5) Valley formation

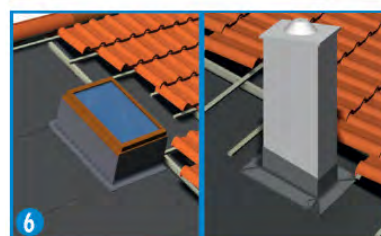
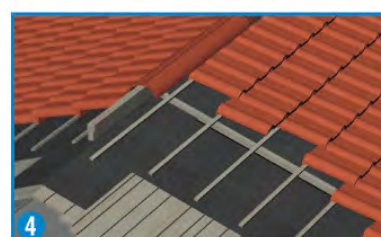
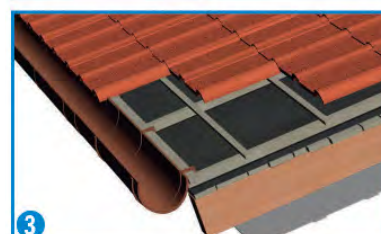
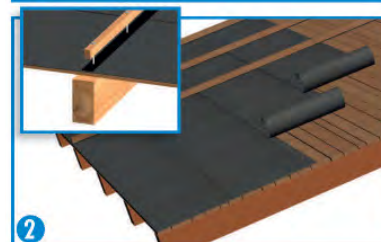
The first step in valley formation is to lay a continuous valley blanket.

(6) Penetrations

Sections cut out for roof penetrations (extractor pipes, roof windows, chimneys, etc.) should be kept as small as possible and the ends of the sheets must be fixed so that no rain or snow can penetrate. To achieve a perfect seal the appropriate sealing tapes and sleeves supplied by ISOCELL GmbH must be used.

Ensure that the substrate is clean. The manufacturer can accept no liability for mechanical damage. The applicable regulations and guidelines must be observed.

The roof underlay does not replace roof covering. The roof must be covered during the period of the specified weathering time. Early covering has a positive effect on the resistance to ageing.



Isocell Wind Seal 90gr

Product information

Non-vapour retardant, 3-layer wind infiltration sheeting made from textured polypropylene for installation directly on timber sheathing or thermal insulation. The sheeting protects the construction element and the thermal insulation against the effects of weather and penetration of air from outside.

Product information

- composition - PP fleece membrane
- thickness of 0.59mm
- white
- weight per unit area - 90 gr / m²
- Sd value - 0.02m
- temperature resistance from approx. -40°C to +80°C
- UV resistance - 2 months
- resistance to water penetration EN 1928 - W1
- elongation EN 12311-1 - 70 (-20)% length, 80 (±50)% width
- tensile strength EN 12311-1 - 220 (±30) N/50mm length, 130 (±30) N/50mm width
- tear propagation resistance EN 12310-1 - 100 (±15) N length, 140 (±20) N width
- storage - cool and dry
- fire performance EN 13501-1/EN 11925-0 - E

Product advantages

- high vapour permeability
- wind-tight
- tear-resistant
- soft
- robust



Product code	Description	Width (m)	Length (m)	Roll area (m ²)	Packaging unit
2WIND3N	Wind seal 90 gr white	3.0	50	150	1

Guidelines for Installation

Wind Seal is attached to the substrate using a tacker with the printed side facing outwards. There should be approx. 10cm overlap.

AIRSTOP Sealant SPRINT or OMEGA QUILLI should be used for the bonding of Wind Seal panels or at joins. The materials used must be free from dust and grease and the substrates must be dry and supporting. The adhesive has the function of sealant and not of a strong connector.



Isocell Airstop Diva Vapour Barrier - Fabric Reinforced

Product information

A moisture-variable vapour barrier for use in the air-tight layer. The functional membrane changes its diffusion resistance depending on the current humidity. During the winter months room atmosphere is generally dryer. The Sd-value of the vapour barrier increases. This process results in the penetration of only a little water vapour into the construction and/or into the insulation. In summer, when there is sufficient solar insolation, the relative humidity behind the membrane is higher as a result of reverse diffusion. The water molecules are stored in the membrane. The Sd-value sinks, causing more water vapour to escape from the construction and into the rooms, and the building element becomes dryer.

Product information

- non-woven composite made from polymers with filament reinforcement
- weight per unit area EN 1849-2 - 110 gr / m² (±5%)
- temperature resistance from approx. -40°C to +80°C
- storage - cool and dry
- Sd value - ≤ 0.5m - ≥ 30m
- transparent with blue print
- tear strength EN 12311-2 - 350 (±20) N/50mm length, 315 (±20) N/50mm width
- elongation at maximum EN 12311-2 - 20% length, 20% width
- nail tear strength EN 12310-1 - 350 N (-25/+35) length, 375 N (-25/+35) width

Product advantages

- transparent
- moisture-variable with a very high Sd-value range
- printed cutting line
- tear resistant



Uses

- for internal wall, ceiling and roof
- flat roofs
- construction components with permeable and impermeable outer shell in new constructions and refurbishment

Product code	Description	Width (m)	Length (m)	Roll area (m ²)	Packaging unit
2DIVAGV	Vapour barrier - fabric reinforced	1.5	50	75	1

Isocell Airstop Diva Vapour Barrier - Fabric Reinforced - continued

Guidelines for Use

Vapour barriers can be used with wall, roof and ceiling construction elements as an air-tight layer and as a vapour retarding layer.

Attachment to the sub-surface

(1) Mechanical attachment of the vapour barrier

The vapour barrier is usually attached transverse to the position of the rafters, joists or beams with the smooth and/or printed side facing the installer. The lengths are fixed mechanically to the construction's timber with approx. 10cm overlap using tacking staples. For metal C-studs a temporary attachment using double-sided adhesive tape or even a spray-on contact adhesive is a possibility.

(2) Airtight adhesion

Airtight adhesion of the joints, connections and penetration points must be carried out using the AIRSTOP adhesion system.

(3) Transverse lathing / mounted at intervals

The laths underneath the vapour barrier have to be mounted before the cellulose is blown in. The centre distance shall be $\leq 30\text{cm}$. The joints of the vapour barrier also have to be covered by an additional lath. Glued connections and joints that were under tension have to be mechanically secured. The membrane has to be applied without tension.

(4) Longitudinal lathing

When no transverse lathing is used, e.g. if formwork is installed on longitudinal lathing, the vapour barrier must be placed parallel to the rafters or to the construction. The joints must lie on the timber of the construction and be stapled overlapping and sealed using AIRSTOP adhesive tape. Before the insulation is blown in the longitudinal lathing must be mounted to provide mechanical relief of the joints.

For detailed solutions please go to www.isocell.at or ask for our brochure "Air-tightness in Detail".



Isocell FH Forte Vapour Barrier

Product information

A transparent vapour barrier for the airtight layer in roof and wall constructions. In general FH FORTE Fleece Vapour Barrier is suitable for use in building components that are non-vapour retardant on the outside. In constructions that are well sealed on the exterior (e.g. flat roofs, renovations) the low Sd-value guarantees a high degree of drying towards the interior during the summer months. A check should be made in every case by carrying out a calculation (e.g. with WUFI) to ensure the suitability of this option. Siegware staff are happy to offer you technical support. The FH FORTE fleece vapour barrier can also be used for the sub-and-top system in refurbishment.

Product information

- composition - PP fleece and PP film
- weight per unit area EN 1849-2 - 120 gr / m² (±10)
- temperature resistance from approx. -40°C to +80°C
- storage - cool and dry
- Sd value EN 1931 - 2.0 m (±1)
- white transparent
- tear strength EN 12311-2 - > 180 N/50mm length, > 170 N/50mm width
- elongation at maximum EN 12311-2 - > 50% length, > 60% width
- nail tear strength EN 12310-1 - > 150 N length, > 150 N width
- fire performance EN 13501/EN 11925-2 - E

Uses

- for roof and wall constructions
- for exterior vapour-permeable structural elements
- interior walls and ceiling

Product advantages

- transparent
- soft, pliant
- easy to install



Product code	Description	Width (m)	Length (m)	Roll area (m ²)	Packaging unit
2FHFVDB	Vapour barrier	1.5	50	75	1
2FHFVDB3	Vapour barrier	3.0	50	150	1

Isocell FH Forte Vapour Barrier - continued

Guidelines for Use

Vapour barriers can be used with wall, roof and ceiling construction elements as an airtight layer and as a vapour retarding layer.

Attachment to the sub-surface

(1) Mechanical attachment of the vapour barrier

The vapour barrier is usually attached transverse to the position of the rafters, joists or beams with the smooth and/or printed side facing the installer. The lengths are fixed mechanically to the construction's timber with approx. 10cm overlap using tacking staples. For metal C-studs a temporary attachment using double-sided adhesive tape or even a spray-on contact adhesive is a possibility.

(2) Airtight adhesion

Airtight adhesion of the joints, connections and penetration points must be carried out using the AIRSTOP adhesion system.

(3) Transverse lathing / mounted at intervals

The laths underneath the vapour barrier have to be mounted before the cellulose is blown in. The centre distance shall be less than 40cm. The joints of the vapour barrier also have to be covered by an additional lath. Glued connections and joints that were under tension have to be mechanically secured. The membrane has to be applied without tension.

**Exception: for AIRSTOP DIVA FORTE distance is 30 cm c-to-c*

(4) Longitudinal lathing

When no transverse lathing is used, e.g. if formwork is installed on longitudinal lathing, the vapour barrier must be placed parallel to the rafters or to the construction. The joints must lie on the timber of the construction and be stapled overlapping and sealed using AIRSTOP adhesive tape. Before the insulation is blown in the longitudinal lathing must be mounted to provide mechanical relief of the joints.

For detailed solutions please go to www.isocell.at or ask for our brochure "Air-tightness in Detail".



Isocell Airstop Elasto Tape

Product information

To guarantee air and wind-tightness for the skin of a construction it must have the appropriate foils or panel materials providing a permanent seal at overlaps, gaps, joints and penetration points. AIRSTOP ELASTO Adhesive Tape is slightly expandable with adhesive generously applied.

Product information

- PE base material with polyester fabric and acrylate adhesive
- temperature resistance from approx. -40°C to +100°C
- working temperature -5°C to +40°C
- stores for up to 2 years in cool and dry location
- green transparent with black inprint

Product advantages

- slightly expandable

Uses

- adhesion of vapour retarders and barriers
- joints of OSB and DWD panels, for interior and exterior
- joints and connections with timber, masonry and metal



Product code	Description	Width (mm)	Length (m)	Packaging unit
3APEL50	Adhesive tape	50	25	7
3APEL60	Adhesive tape	60	25	6
3APEL100	Adhesive tape	100	25	4
3APEL150	Adhesive tape	150	25	2
3APEL200	Adhesive tape	200	25	2

Isocell Airstop Elasto Tape - continued

Processing Guidelines

Description

Tear resistant system adhesive tapes with acrylate adhesive.

UV stability

Max. 2 months; for higher requirements please use the OMEGA facade tape.

Adhesive force

AIRSTOP adhesive tapes perform the function of air-tight and wind-tight sealing and not that of positive bonding. Vapour barriers and other films must always be secured by staples, laths or the like (mechanical).

Plastering over

The AIRSTOP adhesive tapes cannot be plastered or painted over. Please use the AIRSTOP FLEX adhesive tape for this application.

Bonding technique

When affixing the adhesive tape, the tape must be adhered over its entire surface to the substrate. The higher the contact pressure, the better the adhesion (pressing roller). It is possible to adhere the tape over itself or to adhere it crosswise. AIRSTOP sealing compound SPRINT or AIRSTOP DIMAROLL is recommended for plastered surfaces or very rough timber. The materials to be processed must be free of dust and grease, in addition to which the substrates must be dry and capable of bearing loads. If in doubt, the pre-treatment of the substrate is recommended (UNI primer or BUBI LF bonding agent).

Bonding at very low temperatures

AIRSTOP adhesive tapes are suitable for bonding from approx. -5°C. Please note that surface condensation can result at lower temperatures even in the case of minimal changes in temperature. This acts like a separating layer and decreases the adhesion.

Adheres to the following substrates

Timber, timber-based panels (OSB, MDF, 3S-panels etc.), brick, plastics (smooth surface, free of silicones and waxes), metals free of oxides and rust etc. Observe the system suggestions in accordance with the price list.

Bonding time

After the attachment of the AIRSTOP adhesive tape a so-called 'cross-linking process' takes place. This takes about 6 - 24 hours, depending on the temperature. Only then is the full adhesion attained.

Removal of the adhesive tape

Warm up the adhesive tape with a hair dryer and pull slowly on the adhesive tape. Remove the last residues with AIRSTOP adhesive cleaner. Caution: do not rub for too long in one place on sensitive substrates. If necessary, wait 5 - 15 minutes and spray on AIRSTOP adhesive cleaner once again and wipe it off.

Storage

Cool and dry in a closed cardboard box; do not stack rollers on top of one another without release paper in between.

Disposal

Release paper and adhesive tape - domestic waste, waste tip.

Guarantee

The acrylate adhesive employed does not contain any additives that cause the adhesive layer to become brittle and is therefore extremely resistant to aging. Please refer to the respective product data sheet for the aging resistance of the respective AIRSTOP adhesive tapes.

Isocell Airstop Plasto Tape

Product information

To guarantee air and wind-tightness for the skin of a construction it must have the appropriate foils or panel materials providing a permanent seal at overlaps, gaps, joints and penetration points. AIRSTOP PLASTO is a butyl-rubber adhesive tape with fleece base that can be painted over and plastered over. The divided separating paper permits exact work in corners and at intersections.

Product information

- composition - butyl-rubber adhesive tape combined with non woven fabric
- thickness of 0.8mm
- temperature resistance from approx. -40°C to +100°C
- processing temperature -5°C to +40°C
- UV resistance up to 4 months
- grey with white fleece
- stores for up to 2 year in cool and dry location
- fire performance E

Product advantages

- can be plastered and painted over
- split liner
- high adhesive properties of butyl adhesive
- unevenness in substrate is compensated by the thick adhesive layer
- water-tight, elastic
- suitable for low temperatures
- adheres to bitumen using primer spray

Uses

- joints on masonry that can be plastered or painted over
- can be used to seal base (load condition 'non-pressurizing water')
- in accordance with ÖNORM B3692 standard and directive 'Base Connection in Timber Construction'
- second water-bearing layer
- base, also in connection with OMEGA PoBit Sealing Compound
- cables and pipes (curves)
- interior and exterior corners (flexibility)
- covering corners
- suitable for chimney and roof-window joints (formation of corners)



Product code	Description	Width (mm)	Length (m)	Packaging unit
3AIRPLA75	Butyl-rubber adhesive tape	75	25	1
3AIRPLA1	Butyl-rubber adhesive tape	100	25	1
3AIRPLA150	Butyl-rubber adhesive tape	150	25	1
3AIRPLA200	Butyl-rubber adhesive tape	200	25	1
3AIRPLA300	Butyl-rubber adhesive tape	300	25	1

Isocell Airstop Plasto Tape - continued

Processing Guidelines

Materials used must be free from dust and grease and the substrates must be dry and firm. AIRSTOP PLASTO functions neither as a seal nor as a tight bond. Optimum adhesion to the substrate is achieved in combination with BUBI LF Adhesive Primer or with UNI primer.

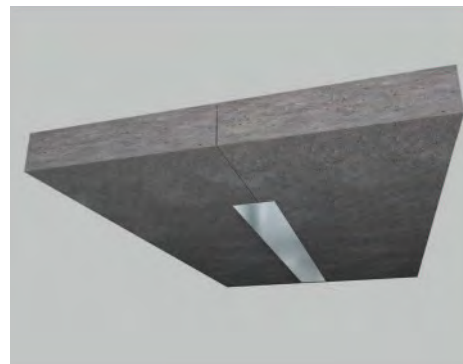
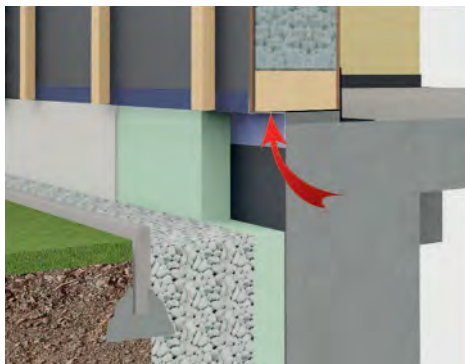
On highly porous and absorbent substrates such as concrete, plaster, untreated steel and rough timber, as well as tape overlaps, we recommend pre-treatment of the substrate with Isocell bonding primers.

AIRSTOP PLASTO must be glued over the full surface. Joints > 5mm must be filled out.

Butyl and bitumen tapes have a high inherent weight.

The tape must be mechanically secured in case of installation in projecting areas e.g. ceilings, cantilevers and soffit areas, where gravity acts directly on the tape.

Edges can be implemented very well without voids using the pressing doctor blade. On rough and uneven substrates, adhesion is achieved over the entire surface using the soft AIRSTOP ROLL pressing roller made of cellular rubber.



Isocell ISOWindow UVAU ES One-Way Tape

Product information

One-way window tape provides a quick and reliable seal and vapour diffusion permeable seal for window connection joints. The tape consists of highly UV-resistant backing that can be plastered over and painted over and is fully coated with a quality acrylic adhesive. ISOWindow UVAU ES Window Tape is ideal for window installations that conform to RAL and ÖNORM B 5320.

Product information

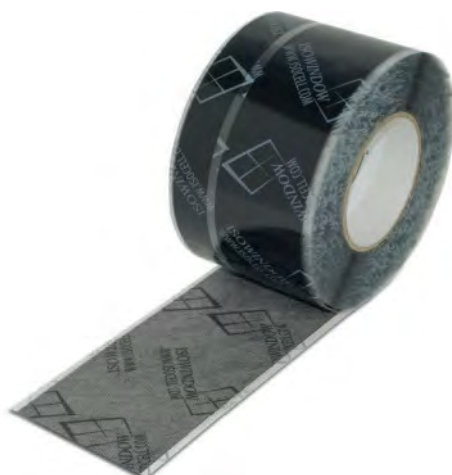
- PP / PU compound
- working temperature between -5°C to +40°C
- temperature resistance from approx. -40°C to +80°C (temporarily +100°C)
- UV resistance - 12 months
- storage - 12 months, cool and dry
- grey with black imprint
- Sd value - 0.19m

Product advantages

- „reversed-system“
- „fingerlift“
- 12 month UV-resistance
- resistance to air and wind-driven rain
- soft, flexible structure
- extremely good adhesion on all kinds of window frames and various substrates, e.g. concrete, OSB, timber, vapour barriers
- can be plastered over and painted over

Uses

- for window installation



Product code	Description	Width (mm)	Length (m)	Packaging unit
3UVAUSK80	One way window tape	80	25	4
3UVAUSK100	One way window tape	100	25	4

Isocell ISOWindow UVAU ES One-Way Tape - continued

Guidelines for Use

ISOWindow UVAU ES Window Tape is attached to the window frame after installation. The grey fleece side of the tape can be plastered over and painted over and must face outwards. The wide adhesive surface of the tape is attached to the wall, timber, OSB or vapour barrier. Attention must be paid to ensure that the substrate is dry and intact (if necessary treat the surfaces with BUBI LF Bonding Primer or UNI Primer).

(1)

Cut the window tape with approx. 12cm extra length. Pull the masking tape off the adhesive strip and press the adhesive tape carefully onto the window frame.

(2)

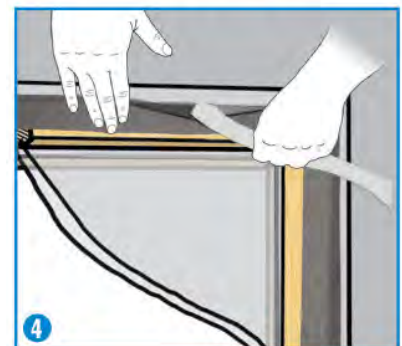
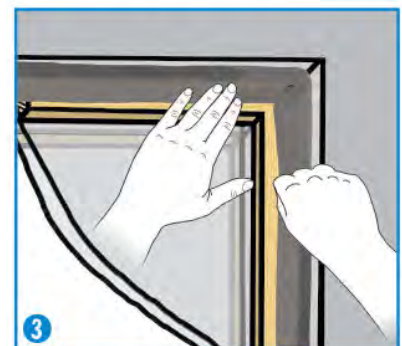
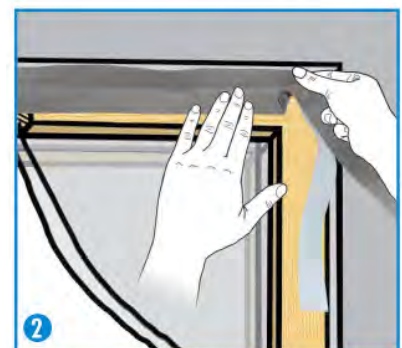
Make a fold or loop at the corners. To do so, press the window tape firmly to the window frame as far as the corner, then lift slightly, push the material along and turn 90°.

(3)

Now continue to press the window tape onto the window frame. The 'corner' fold seals the corners optimally. Do this at every corner.

(4)

When the window tape is attached to the entire window frame and the joint is insulated, pull off the wide masking paper and press onto the window frame. The more pressure applied, the better the adhesion!



Isocell ISOWindow UVAU WS Two-Way Tape

Product information

Two-way window tape consists of a highly UV-resistant fleece backing that can be painted over and is coated with a heavy duty adhesive. The back of the tape is completely adhesive and has separate liners. The adhesive strip covering the upper side can be attached directly onto the window frame without removing a liner, and the tape can therefore be totally concealed when installed. ISOWindow UVAU WS Window Tape is suitable for window installations that conform to RAL and ÖNORM B 5320.

Product information

- flexible fleece, laminated air-tight
- working temperature between -5°C to +40°C
- temperature resistance from approx. -40°C to +80°C (temporarily +100°C)
- UV resistance - 12 months
- storage - 12 months, cool and dry
- grey with black imprint
- Sd value - 0.19m

Uses

- for window installation outside

Product advantages

- „fingerlift“
- 12 month UV-resistance
- resistance to air and wind-driven rain
- soft, flexible structure
- extremely good adhesion on all kinds of window frames and various substrates, e.g. concrete, OSB, timber, vapour barriers
- two-way adhesive coating for concealed installation
- liner split
- can be plastered over and painted over



Product code	Description	Width (mm)	Length (m)	Packaging unit
3UVAUSK80WS	Two way window tape	80	25	4

Isocell ISOWindow UVAU WS Two-Way Tape - continued

Guidelines for Use

ISOWindow UVAU WS is fixed to the window reveal before the window is installed. The fleece side of the tape can be plastered over and painted over. The fully adhesive side is attached to masonry, timber, OSB or vapour barrier. The substrate should be sufficiently supporting (if necessary pre-treat surfaces with BUBI LF Primer or UNI Primer).

(1)

The fleece side of ISOWindow UVAU WS is coated with a narrow acrylic strip that is attached directly to the window frame without removing a liner. The fully adhesive back has a split liner.

(2)

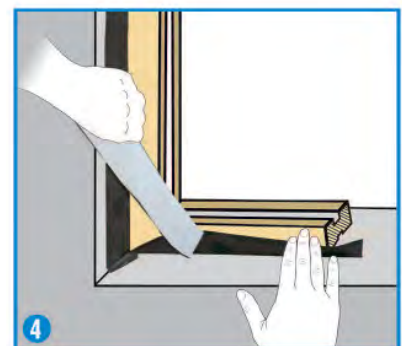
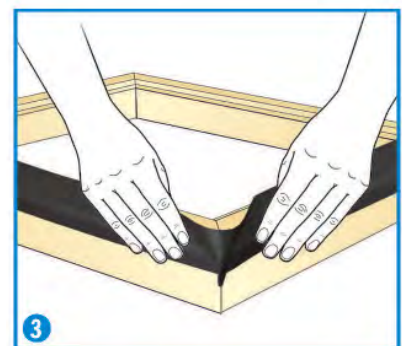
Position the window frame with the outer side facing upwards. Carefully press the adhesive strip onto the window frame. Continue to roll out the ISOWindow UVAU WS and work as far as the corner.

(3)

A fold must be made at the corners. Do this by pressing the window tape firmly to the corner of the window frame and making a fold. The resulting corners serve as corner seals.

(4)









When the connection gap has been insulated, pull off the masking paper and press down the window tape. The more pressure used, the better the adhesion!



Connectors - Assembly Series

Product information





The installation series is well-suited for the safe and easy construction of winter gardens, carports, stairs, balconies, platforms, and much more. Easy to handle, safe and reliable, fast preparation and installation. For professionals and DIY enthusiasts.

Assembly Series	
	<p>Mini 10</p> <p>Dimensions: 10 x 40mm Thickness: 10mm</p> <p>Screws</p> <p>4 units, 3 x 35</p>
	<p>WTS 3 Special</p> <p>Dimensions: 55 x 35mm Thickness: 20mm 1 x locking screw</p> <p>Screws</p> <p>6 units, 5 x 60</p>
	<p>Mini 17</p> <p>Dimensions: 17 x 40mm Thickness: 10mm</p> <p>Screws</p> <p>4 units, 3.5 x 35</p>
	<p>WTS 5 Special</p> <p>Dimensions: 110 x 35mm Thickness: 20mm 2 x locking screws</p> <p>Screws</p> <p>9 units, 5 x 60</p>
	<p>WTS 1</p> <p>Dimensions: 32 x 30mm Thickness: 17mm</p> <p>Screws</p> <p>6 units, 5 x 60</p>
	<p>WTS 6 Special</p> <p>Dimensions: 110 x 35mm Thickness: 20mm 2 x locking screws</p> <p>Screws</p> <p>9 units, 8 x 80</p>
	<p>WTS 1 Special</p> <p>Dimensions: 32 x 35mm Thickness: 20mm 1 x locking screw</p> <p>Screws</p> <p>6 units, 5 x 60</p>
	<p>A 3</p> <p>Dimensions: 40 x 80mm Thickness: 20mm</p> <p>Screws</p> <p>6 units, 5 x 60</p>

Connectors - Timber XS Series

Product information

The innovative connectors are suitable for use in many different fields of construction. From working with nodal points in timber construction or roof and wall components to mixed and special structures with steel or concrete - everything is possible. Simple and fast calculation, high degree of prefabrication, and quick installation.

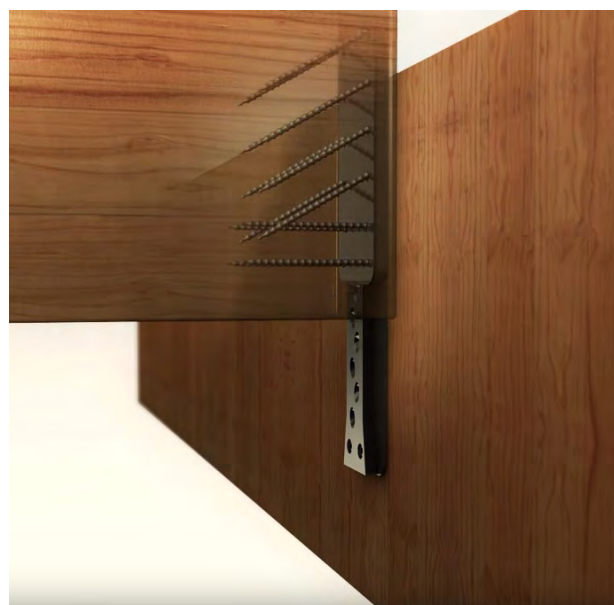
Timber XS Series ¹													
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Note - SHERPA special screws are to be used with these products.

Minimum cross-section: minimum cross-sections apply if the upper edge of the main and secondary beams are mounted flush.

MB - main beam
SB - secondary beam





¹ including standard drill hole for a locking screw



Connectors - Timber S Series

Product information

The innovative connectors are suitable for use in many different fields of construction. From working with nodal points in timber construction or roof and wall components to mixed and special structures with steel or concrete - everything is possible. Simple and fast calculation, high degree of prefabrication, and quick installation.

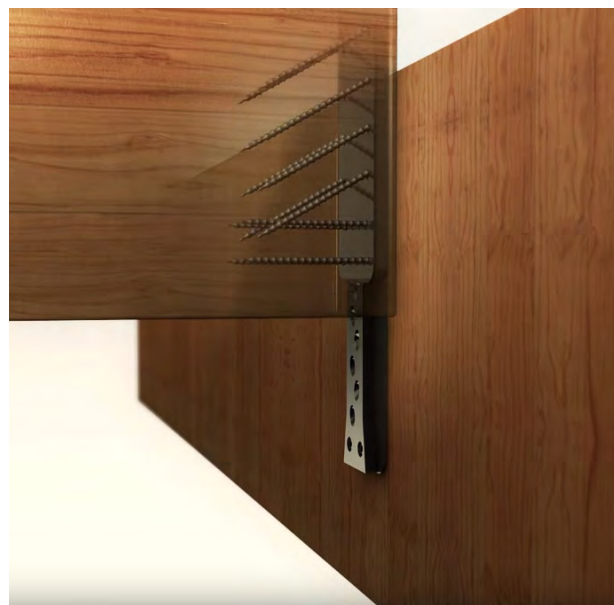
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Note - SHERPA special screws are to be used with these products.

Minimum cross-section: minimum cross-sections apply if the upper edge of the main and secondary beams are mounted flush.

MB - main beam
SB - secondary beam






¹ including standard drill hole for a locking screw



Connectors - Timber M Series

Product information

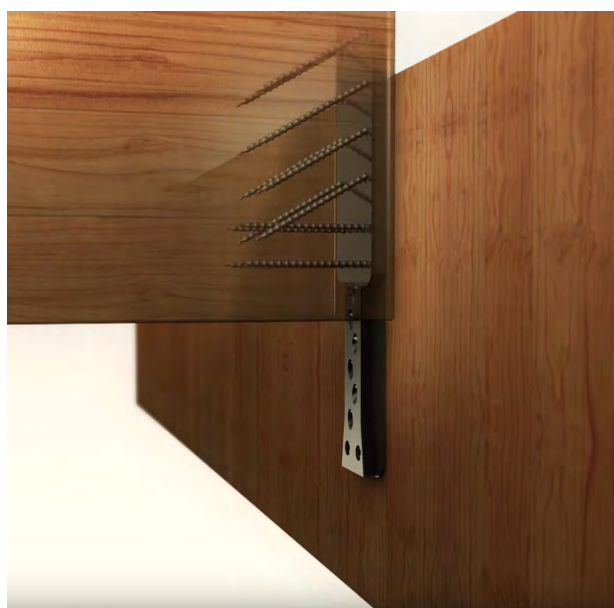
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Timber M Series ¹	
	<p>M 15</p> <p>Dimensions: 60 x 90mm Thickness: 14mm Minimum cross-section: MB 65x120mm, SB 80x120mm</p> <p>Screws</p> <p>16 units, 6.5 x 65</p> <p>characteristic carrying capability (GL 24h)</p> <p>approx. 15 kN</p>
	<p>M 20</p> <p>Dimensions: 60 x 110mm Thickness: 14mm Minimum cross-section: MB 65 x 140mm, SB 80 x 140mm</p> <p>Screws</p> <p>20 units, 6.5 x 65</p> <p>characteristic carrying capability (GL 24h)</p> <p>approx. 20 kN</p>
	<p>M 25</p> <p>Dimensions: 60 x 130mm Thickness: 14mm Minimum cross-section: MB 65 x 160mm, SB 80 x 160mm</p> <p>Screws</p> <p>23 units, 6.5 x 65</p> <p>characteristic carrying capability (GL 24h)</p> <p>approx. 25 kN</p>
	<p>M 30</p> <p>Dimensions: 60 x 150mm Thickness: 14mm Minimum cross-section: MB 65 x 180mm, SB 80 x 180mm</p> <p>Screws</p> <p>26 units, 6.5 x 65</p> <p>characteristic carrying capability (GL 24h)</p> <p>approx. 30 kN</p>
	<p>M 40</p> <p>Dimensions: 60 x 170mm Thickness: 14mm Minimum cross-section: MB 65 x 200mm, SB 80 x 200mm</p> <p>Screws</p> <p>30 units, 6.5 x 65</p> <p>characteristic carrying capability (GL 24h)</p> <p>approx. 40 kN</p>

Minimum cross-section: minimum cross-sections apply if the upper edge of the main and secondary beams are mounted flush.
MB - main beam
SB - secondary beam

¹ including standard drill hole for a locking screw






Note - SHERPA special screws are to be used with these products.



Connectors - Timber L Series

Product information

The innovative connectors are suitable for use in many different fields of construction. From working with nodal points in timber construction or roof and wall components to mixed and special structures with steel or concrete - everything is possible. Simple and fast calculation, high degree of prefabrication, and quick installation.

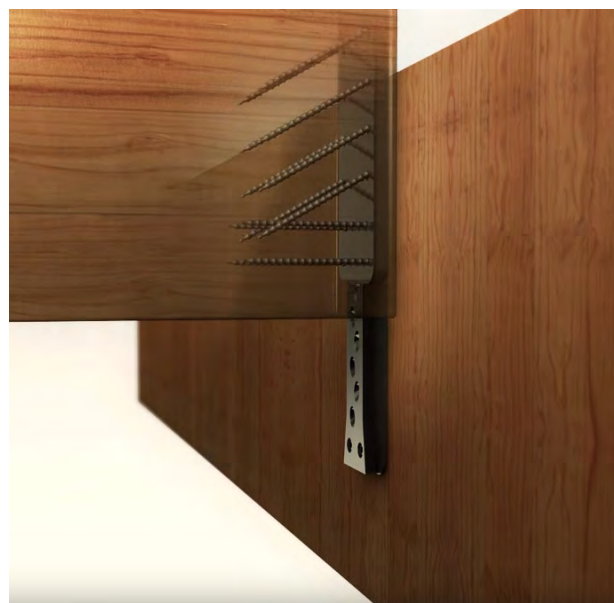
Timber L Series ²	
	<p>L 30</p> <p>Dimensions: 80 x 150mm Thickness: 18mm Minimum cross-section: MB 100x180mm, SB 100x180mm</p> <p>Screws</p> <p>15 units, 8 x 100 fully threaded</p> <p>characteristic carrying capability (GL 24h)</p> <p>approx. 30 kN</p>
	<p>L 40</p> <p>Dimensions: 80 x 170mm Thickness: 18mm Minimum cross-section: MB 100x200mm, SB 100x200mm</p> <p>Screws</p> <p>18 units, 8 x 100 fully threaded</p> <p>characteristic carrying capability (GL 24h)</p> <p>approx. 40 kN</p>
	<p>L 50</p> <p>Dimensions: 80 x 210mm Thickness: 18mm Minimum cross-section: MB 100x240mm, SB 100x240mm</p> <p>Screws</p> <p>21 units, 8 x 100 fully threaded</p> <p>characteristic carrying capability (GL 24h)</p> <p>approx. 50 kN</p>
	<p>L 60</p> <p>Dimensions: 80 x 250mm Thickness: 18mm Minimum cross-section: MB 100x280mm, SB 100x280mm</p> <p>Screws</p> <p>25 units, 8 x 100 fully threaded</p> <p>characteristic carrying capability (GL 24h)</p> <p>approx. 60 kN</p>
	<p>L 80</p> <p>Dimensions: 80 x 290mm Thickness: 18mm Minimum cross-section: MB 100x320mm, SB 100x320mm</p> <p>Screws</p> <p>29 units, 8 x 100 fully threaded</p> <p>characteristic carrying capability (GL 24h)</p> <p>approx. 80 kN</p>

Minimum cross-section: minimum cross-sections apply if the upper edge of the main and secondary beams are mounted flush.

MB - main beam
SB - secondary beam

² including standard drill holes for 2 locking screws










Note - SHERPA special screws are to be used with these products.



Connectors - Timber XL Series

Product information

The innovative connectors are suitable for use in many different fields of construction. From working with nodal points in timber construction or roof and wall components to mixed and special structures with steel or concrete - everything is possible. Simple and fast calculation, high degree of prefabrication, and quick installation.

Timber XL Series ²	
	<p>XL 55</p> <p>Dimensions: 120 x 250mm Thickness: 20mm Minimum cross-section: MB 160x280mm, SB 140x280mm</p> <p>Screws</p> <p>characteristic carrying capability (GL 24h)</p> <p>18 units, 8 x 160 fully threaded</p> <p>approx. 55 kN*</p>
	<p>XL 70</p> <p>Dimensions: 120 x 290mm Thickness: 20mm Minimum cross-section: MB 160x320mm, SB 140x320mm</p> <p>Screws</p> <p>characteristic carrying capability (GL 24h)</p> <p>21 units, 8 x 160 fully threaded</p> <p>approx. 70 kN*</p>
	<p>XL 80</p> <p>Dimensions: 120 x 330mm Thickness: 20mm Minimum cross-section: MB 160x360mm, SB 140x360mm</p> <p>Screws</p> <p>characteristic carrying capability (GL 24h)</p> <p>24 units, 8 x 160 fully threaded</p> <p>approx. 80 kN*</p>
	<p>XL 100</p> <p>Dimensions: 120 x 370mm Thickness: 20mm Minimum cross-section: MB 160x400mm, SB 140x400mm</p> <p>Screws</p> <p>characteristic carrying capability (GL 24h)</p> <p>25 units, 8 x 160 fully threaded</p> <p>approx. 100 kN*</p>
	<p>XL 120</p> <p>Dimensions: 120 x 410mm Thickness: 20mm Minimum cross-section: MB 160x440mm, SB 140x440mm</p> <p>Screws</p> <p>characteristic carrying capability (GL 24h)</p> <p>29 units, 8 x 160 fully threaded</p> <p>approx. 120 kN*</p>
	<p>XL 140</p> <p>Dimensions: 120 x 450mm Thickness: 20mm Minimum cross-section: MB 160x480mm, SB 140x480mm</p> <p>Screws</p> <p>characteristic carrying capability (GL 24h)</p> <p>32 units, 8 x 160 fully threaded</p> <p>approx. 140 kN*</p>
	<p>XL 170</p> <p>Dimensions: 120 x 490mm Thickness: 20mm Minimum cross-section: MB 160x520mm, SB 140x520mm</p> <p>Screws</p> <p>characteristic carrying capability (GL 24h)</p> <p>36 units, 8 x 160 fully threaded</p> <p>approx. 170 kN*</p>
	<p>XL 190</p> <p>Dimensions: 120 x 530mm Thickness: 20mm Minimum cross-section: MB 160x560mm, SB 140x560mm</p> <p>Screws</p> <p>characteristic carrying capability (GL 24h)</p> <p>40 units, 8 x 160 fully threaded</p> <p>approx. 190 kN*</p>
	<p>XL 250</p> <p>Dimensions: 120 x 610mm Thickness: 20mm Minimum cross-section: MB 160x640mm, SB 140x640mm</p> <p>Screws</p> <p>characteristic carrying capability (GL 24h)</p> <p>48 units, 8 x 160 fully threaded</p> <p>approx. 250 kN*</p>

Minimum cross-section: minimum cross-sections apply if the upper edge of the main and secondary beams are mounted flush.

MB - main beam
SB - secondary beam

² including standard drill holes for 2 locking screws

* with SHERPA special screws, 8 x 160







Alternative screw lengths are 120/140/180mm

Note - SHERPA special screws are to be used with these products.

Connectors - Timber XXL Series

Product information

The innovative connectors are suitable for use in many different fields of construction. From working with nodal points in timber construction or roof and wall components to mixed and special structures with steel or concrete - everything is possible. Simple and fast calculation, high degree of prefabrication, and quick installation.

Timber XXL Series ²	
	XXL 170 Dimensions: 140 x 410mm Thickness: 20mm Minimum cross-section: MB 160x440mm, SB 160x440mm
Screws	characteristic carrying capability (GL 24h)
37 units, 8 x 160 fully threaded	approx. 170 kN*
	XXL 190 Dimensions: 120 x 450mm Thickness: 20mm Minimum cross-section: MB 160x480mm, SB 160x480mm
Screws	characteristic carrying capability (GL 24h)
42 units, 8 x 160 fully threaded	approx. 190 kN*
	XXL 220 Dimensions: 140 x 490mm Thickness: 20mm Minimum cross-section: MB 160x520mm, SB 160x520mm
Screws	characteristic carrying capability (GL 24h)
47 units, 8 x 160 fully threaded	approx. 220 kN*
	XXL 250 Dimensions: 140 x 530mm Thickness: 20mm Minimum cross-section: MB 160x560mm, SB 160x560mm
Screws	characteristic carrying capability (GL 24h)
52 units, 8 x 160 fully threaded	approx. 250 kN*
	XXL 280 Dimensions: 140 x 570mm Thickness: 20mm Minimum cross-section: MB 160x600mm, SB 160x600mm
Screws	characteristic carrying capability (GL 24h)
54 units, 8 x 160 fully threaded	approx. 280 kN*
	XXL 300 Dimensions: 140 x 610mm Thickness: 20mm Minimum cross-section: MB 160x640mm, SB 160x640mm
Screws	characteristic carrying capability (GL 24h)
59 units, 8 x 160 fully threaded	approx. 300 kN*

Note - SHERPA special screws are to be used with these products.

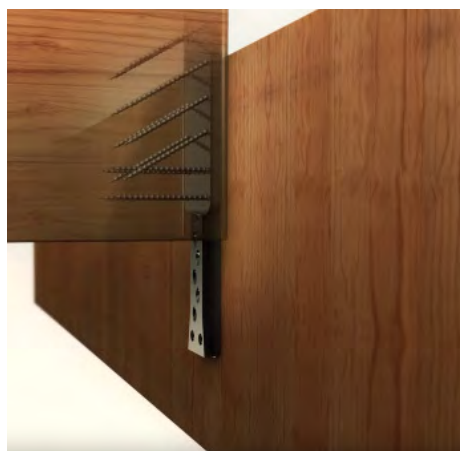
Minimum cross-section: minimum cross-sections apply if the upper edge of the main and secondary beams are mounted flush.

MB - main beam
 SB - secondary beam

² including standard drill holes for 2 locking screws

* with SHERPA special screws, 8 x 160

Alternative screw lengths are 120/140/180mm



Connectors - Special Products

Special Products



Fire-stop 2.5 (fire resistant laminate)

Roller lengths [m]: 25
Width/thickness [mm]: 20/2.5



Routing template case

1 x routing template
1 x Allen key
2 x cutters, including spacer disk

Connectors - Sherpa Self Tapping Locking Screws

Product information

If the connection requires it, the two connecting plates can be held together through the use of specially developed locking screws.

Because these are self tapping screws, there is an optimum ideal fit between aluminium and the thread edges. This ensures high safety against independent loosening, even when exposed to relatively high stresses. Installation of the locking screws requires little effort.

Self Tapping Locking Screws	
	<p>XS Series</p> <p>Dimensions: 3 x 12mm</p>
	<p>S Series</p> <p>Dimensions: 3 x 20/9mm</p>
	<p>M Series</p> <p>Dimensions: 4 x 20/12mm</p>
	<p>L Series</p> <p>Dimensions: 5 x 47.8/20mm</p>
	<p>XL & XXL Series</p> <p>Dimensions: 6 x 100/55mm</p>
Fasteners for Concrete Steel Series	
Used for M Series	
Multi-Monti MMS-F 7.5 x 60	
Used for L, XL & XXL Series	
Multi-Monti MMS-F 10 x 80	
Used for XL Series - Alternative for MMS-F 10 x 80	
HL anchor, FH II 12/15 SK Dimensions: 12 x 90mm	








Connectors - Sherpa Special Screws

Product information




Screws for SHERPA series XS to XXL. Depending upon the connector type, the relevant special screws must be used as defined in the ETA-12/0067 certification in order to ensure the specified characteristic carrying capability values. These systems screws are yellow zinc galvanised or, if requested, can be obtained with a zinc-nickel layer, and have a strengthened screw head. The head stamping also allows for monitoring even when screwed in.

SHERPA special screws with a rated diameter of 8mm have a patented half tip which reduces the danger of cracking, and provides optimum screw bite.



Yellow Zinc Galvanised	
	X & S Series Dimensions: 4.5 x 50mm
	Installation Series Dimensions: 5.0 x 60mm
	M Series Dimensions: 6.5 x 65mm
	Installation Series Dimensions: 8.0 x 80mm
	L Series Dimensions: 8.0 x 100mm
	Installation Series Dimensions: 8.0 x 120mm
	XL & XXL Series Dimensions: 8.0 x 120mm 8.0 x 140mm 8.0 x 160mm 8.0 x 180mm

Yellow zinc galvanised for moderate stress - corrosiveness categories C1, C2 and C3 as per EN ISO 12944-2.






Zinc Nickel	
	X & S Series Dimensions: 4.5 x 50mm
	XL & XXL Series Dimensions: 8.0 x 160mm
	L Series Dimensions: 8.0 x 100mm

Zinc-nickel plated, for severe load exposure - corrosive categories C1 to C5 M mong as per EN ISO 12944-2.

Connectors - Concrete Steel M Series

Product information

The innovative connectors are suitable for use in many different fields of construction. From working with nodal points in timber construction or roof and wall components to mixed and special structures with steel or concrete - everything is possible. Simple and fast calculation, high degree of prefabrication, and quick installation.

CS M Series	
	<p>M 15 CS Dimensions: 60 x 90mm Thickness: 20mm Minimum cross-section: SB 80x120mm</p>
Screws	Rated value for carrying capability for C 25/30*
Timber: 9 units, 6.5x65 Concrete: 4 units, MMS-F 7.5x60	approx. 12.10 kN
	<p>M 20 CS Dimensions: 60 x 110mm Thickness: 20mm Minimum cross-section: SB 80x140mm</p>
Screws	Rated value for carrying capability for C 25/30*
Timber: 11 units, 6.5x65 Concrete: 4 units, MMS-F 7.5x60	approx. 13.60 kN
	<p>M 25 CS Dimensions: 60 x 130mm Thickness: 20mm Minimum cross-section: SB 80x160mm</p>
Screws	Rated value for carrying capability for C 25/30*
Timber: 13 units, 6.5x65 Concrete: 4 units, MMS-F 7.5x60	approx. 15.10 kN
	<p>M 30 CS Dimensions: 60 x 150mm Thickness: 20mm Minimum cross-section: SB 80x180mm</p>
Screws	Rated value for carrying capability for C 25/30*
Timber: 15 units, 6.5x65 Concrete: 6 units, MMS-F 7.5x60	approx. 16.60 kN
	<p>M 40 CS Dimensions: 60 x 170mm Thickness: 20mm Minimum cross-section: SB 80x200mm</p>
Screws	Rated value for carrying capability for C 25/30*
Timber: 17 units, 6.5x65 Concrete: 6 units, MMS-F 7.5x60	approx. 18.10 kN






* Measured values with HECO MMS-F concrete screws in kN with steel-reinforced concrete quality C 25/30, adhering to the minimum edge distances and minimum component thicknesses. The connection to the timber cross-section must be considered and assessed depending on the timber quality.

Note - SHERPA special screws are to be used with these products.

Connectors - Concrete Steel L Series

Product information

The innovative connectors are suitable for use in many different fields of construction. From working with nodal points in timber construction or roof and wall components to mixed and special structures with steel or concrete - everything is possible. Simple and fast calculation, high degree of prefabrication, and quick installation.

CS L Series	
	<p>L 30 CS</p> <p>Dimensions: 80 x 150mm Thickness: 29mm Minimum cross-section: SB 100x180mm</p> <p>Screws</p> <p>Rated value for carrying capability for C 25/30*</p> <p>Timber: 9 units, 8.0x100 Concrete: 4 units, MMS-F 10x80</p> <p>approx. 39.50 kN</p>
	<p>L 40 CS</p> <p>Dimensions: 80 x 170mm Thickness: 29mm Minimum cross-section: SB 100x200mm</p> <p>Screws</p> <p>Rated value for carrying capability for C 25/30*</p> <p>Timber: 11 units, 8.0x100 Concrete: 4 units, MMS-F 10x80</p> <p>approx. 42.70 kN</p>
	<p>L 50 CS</p> <p>Dimensions: 80 x 210mm Thickness: 29mm Minimum cross-section: SB 100x240mm</p> <p>Screws</p> <p>Rated value for carrying capability for C 25/30*</p> <p>Timber: 13 units, 8.0x100 Concrete: 6 units, MMS-F 10x80</p> <p>approx. 49.70 kN</p>
	<p>L 60 CS</p> <p>Dimensions: 80 x 250mm Thickness: 29mm Minimum cross-section: SB 100x280mm</p> <p>Screws</p> <p>Rated value for carrying capability for C 25/30*</p> <p>Timber: 15 units, 8.0x100 Concrete: 6 units, MMS-F 10x80</p> <p>approx. 56.50 kN</p>
	<p>L 80 CS</p> <p>Dimensions: 80 x 290mm Thickness: 29mm Minimum cross-section: SB 100x320mm</p> <p>Screws</p> <p>Rated value for carrying capability for C 25/30*</p> <p>Timber: 17 units, 8.0x100 Concrete: 6 units, MMS-F 10x80</p> <p>approx. 63.30 kN</p>

Minimum cross-section SB | minimum cross-section, secondary timber beam

Note - SHERPA special screws are to be used with these products.

Connectors - Concrete Steel XL Series

Product information

The innovative connectors are suitable for use in many different fields of construction. From working with nodal points in timber construction or roof and wall components to mixed and special structures with steel or concrete - everything is possible. Simple and fast calculation, high degree of prefabrication, and quick installation.

CS XL Series	
	<p>XL 55 CS</p> <p>Dimensions: 120 x 250mm Thickness: 29mm Minimum cross-section: SB 140x280mm</p> <p>Screws</p> <p>Rated value for carrying capability for C 25/30* approx. 63.60 kN</p> <p>Timber: 10 units, 8x160 Concrete: 6 units, MMS-F 10x80</p>
	<p>XL 70 CS</p> <p>Dimensions: 120 x 290mm Thickness: 29mm Minimum cross-section: SB 140x320mm</p> <p>Screws</p> <p>Rated value for carrying capability for C 25/30* approx. 64.00 kN</p> <p>Timber: 12 units, 8x160 Concrete: 6 units, MMS-F 10x80</p>
	<p>XL 80 CS</p> <p>Dimensions: 120 x 330mm Thickness: 29mm Minimum cross-section: SB 140x360mm</p> <p>Screws</p> <p>Rated value for carrying capability for C 25/30* approx. 79.30 kN</p> <p>Timber: 14 units, 8x160 Concrete: 8 units, MMS-F 10x80</p>
	<p>XL 100 CS</p> <p>Dimensions: 120 x 370mm Thickness: 29mm Minimum cross-section: SB 140x400mm</p> <p>Screws</p> <p>Rated value for carrying capability for C 25/30* approx. 85.30 kN</p> <p>Timber: 14 units, 8x160 Concrete: 8 units, MMS-F 10x80</p>
	<p>XL 120 CS</p> <p>Dimensions: 120 x 410mm Thickness: 29mm Minimum cross-section: SB 140x440mm</p> <p>Screws</p> <p>Rated value for carrying capability for C 25/30* approx. 85.30 kN</p> <p>Timber: 16 units, 8x160 Concrete: 8 units, MMS-F 10x80</p>
	<p>XL 140 CS</p> <p>Dimensions: 120 x 450mm Thickness: 29mm Minimum cross-section: SB 140x480mm</p> <p>Screws</p> <p>Rated value for carrying capability for C 25/30* approx. 85.30 kN</p> <p>Timber: 18 units, 8x160 Concrete: 8 units, MMS-F 10x80</p>
	<p>XL 170 CS</p> <p>Dimensions: 120 x 490mm Thickness: 29mm Minimum cross-section: SB 140x520mm</p> <p>Screws</p> <p>Rated value for carrying capability for C 25/30* approx. 85.30 kN</p> <p>Timber: 20 units, 8x160 Concrete: 8 units, MMS-F 10x80</p>
	<p>XL 190 CS</p> <p>Dimensions: 120 x 530mm Thickness: 29mm Minimum cross-section: SB 140x560mm</p> <p>Screws</p> <p>Rated value for carrying capability for C 25/30* approx. 106.70 kN</p> <p>Timber: 22 units, 8x160 Concrete: 10 units, MMS-F 10x80</p>
	<p>XL 250 CS</p> <p>Dimensions: 120 x 610mm Thickness: 29mm Minimum cross-section: SB 140x640mm</p> <p>Screws</p> <p>Rated value for carrying capability for C 25/30* approx. 106.70 kN</p> <p>Timber: 26 units, 8x160 Concrete: 10 units, MMS-F 10x80</p>

Minimum cross-section SB | minimum cross-section, secondary timber beam







* Measured values with HECO MMS-F concrete screws in kN with steel-reinforced concrete quality C 25/30, adhering to the minimum edge distances and minimum component thicknesses. The connection to the timber cross-section must be considered and assessed depending on the timber quality.

Note - SHERPA special screws are to be used with these products.

Connectors - Concrete Steel XXL Series

Product information

The innovative connectors are suitable for use in many different fields of construction. From working with nodal points in timber construction or roof and wall components to mixed and special structures with steel or concrete - everything is possible. Simple and fast calculation, high degree of prefabrication, and quick installation.

CS XXL Series	
	<p>XXL 170 CS</p> <p>Dimensions: 140 x 410mm Thickness: 29mm Minimum cross-section: SB 160x440mm</p> <p>Screws</p> <p>Rated value for carrying capability for C 25/30* approx. 85.30 kN</p> <p>Timber: 21 units, 8x160 Concrete: 14 units, MMS-F 10x80</p>
	<p>XXL 190 CS</p> <p>Dimensions: 140 x 450mm Thickness: 29mm Minimum cross-section: SB 160x480mm</p> <p>Screws</p> <p>Rated value for carrying capability for C 25/30* approx. 85.30 kN</p> <p>Timber: 24 units, 8x160 Concrete: 14 units, MMS-F 10x80</p>
	<p>XXL 220 CS</p> <p>Dimensions: 140 x 490mm Thickness: 29mm Minimum cross-section: SB 160x520mm</p> <p>Screws</p> <p>Rated value for carrying capability for C 25/30* approx. 106.70 kN</p> <p>Timber: 27 units, 8x160 Concrete: 18 units, MMS-F 10x80</p>
	<p>XXL 250 CS</p> <p>Dimensions: 140 x 530mm Thickness: 29mm Minimum cross-section: SB 160x560mm</p> <p>Screws</p> <p>Rated value for carrying capability for C 25/30* approx. 106.70 kN</p> <p>Timber: 30 units, 8x160 Concrete: 18 units, MMS-F 10x80</p>
	<p>XXL 280 CS</p> <p>Dimensions: 140 x 570mm Thickness: 29mm Minimum cross-section: SB 160x600mm</p> <p>Screws</p> <p>Rated value for carrying capability for C 25/30* approx. 106.70 kN</p> <p>Timber: 30 units, 8x160 Concrete: 18 units, MMS-F 10x80</p>
	<p>XXL 300 CS</p> <p>Dimensions: 140 x 610mm Thickness: 29mm Minimum cross-section: SB 160x640mm</p> <p>Screws</p> <p>Rated value for carrying capability for C 25/30* approx. 106.70 kN</p> <p>Timber: 33 units, 8x160 Concrete: 18 units, MMS-F 10x80</p>

Note - SHERPA special screws are to be used with these products.

Minimum cross-section SB | minimum cross-section, secondary timber beam

* Measured values with HECO MMS-F concrete screws in kN with steel-reinforced concrete quality C 25/30, adhering to the minimum edge distances and minimum component thicknesses. The connection to the timber cross-section must be considered and assessed depending on the timber quality.

Connectors - Sherpa CLT

Product information

The SHERPA CLT connector is a coupling element for angle joints, t-joints and longitudinal joints, wall to ceiling connections, as well as ceiling joints.

Optimised for three-layer and five-layer cross-laminated timber elements, the SHERPA CLT connector can be mounted flush in solid timber or glulam already in the preinstallation phase, enabling ready-for-installation delivery to the construction site.

The CLT connector must be milled flush into cross laminated timber or glulam. The load capacity according to ETA can only be guaranteed when using SHERPA special screws.

Advantages

- Multifunctional in strength and use
- Quality reliability through the system
- Can be combined with sound-proofing
- Pre-assembled for optimal assembly
- Complete element screwing from the inside

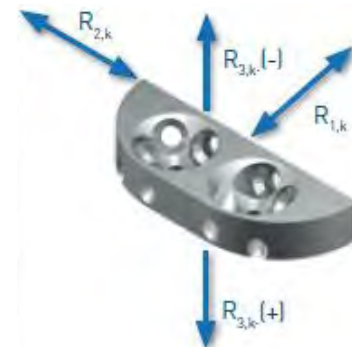
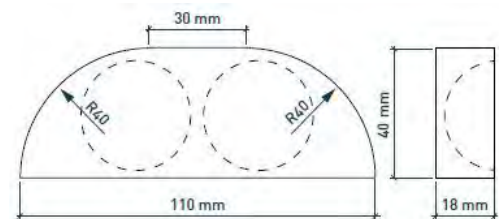
Connector Requirement Per Connection

Wall - Wall	1 - 2 pcs / lfm
Ceiling - Wall	2 - 3 pcs / lfm
Ceiling - Ceiling	2 - 3 pcs / lfm

Sherpa Screws Required Per Connector

8 pcs 8.0 x 100 / 120 / 140mm
2 pcs 6.5 x 65mm

Configuration			Characteristic value ¹		
			Interlayer ≤ 12mm	Compriband ≤ 2mm	
Normal forces	Carrying capacity	$R_{1,k}$	18.80 ²		kN
	Stiffness	K_{ser}	9.750		N/mm
Shear force on the surface	Carrying capacity	$R_{2,k}$	10.00 ²		kN
	Stiffness	K_{ser}	3.300		N/mm
Shear force from the surface (positive)	Carrying capacity	$R_{3,k} [+]$	16.00 ²	16.50 ²	kN
	Stiffness	K_{ser}	3.600		N/mm
Shear force from the surface (negative)	Carrying capacity	$R_{3,k} [-]$	5.30	7.00	kN
	Stiffness	K_{ser}	870	1.000	N/mm



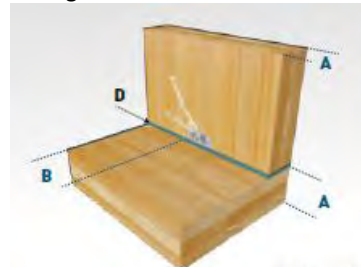
¹ ETA 18/0083

² screw l = 120mm: ns = 1.22 screw l = 140mm: ns = 1.44 $R'_k = N_s \cdot R_k$

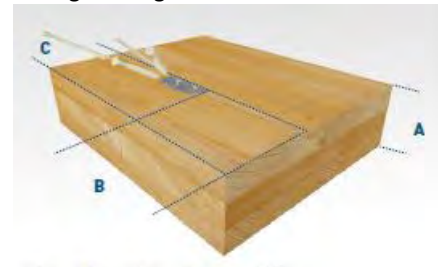
Wall - Wall



Ceiling - Wall



Ceiling - Ceiling



- A** material thickness: 80 to 160mm;
> 120mm: flush milling or install both-sided
- B** edge distance: min 250mm
- C** min 100mm

- D Interlayer (eg Regufoam):** max 12mm
Compression hardness: min 0.2 N/mm²
Static elasticity modulus: min 1.0 N/mm²

Installation Instructions

- Milling: 18mm into solid timber or glulam
- Max distance between CLT connectors: $e_{max} = 2m$
- 2 pcs special screws 6.5 x 65
- 4 pcs special screws 8.0 x 100 / 120 / 140 (fix to solid timber / glulam)
- 4 pcs special screws 8.0 x 100 / 120 / 140 (mount on the second element)

Recommended Screw Torque

- Sherpa special screws
- 6.5 x 65mm $M_T = 2.5 \text{ Nm}$
- 8.0 x 100mm $M_T = 5.0 \text{ Nm}$
- Min: screw head must be in contact with counter sink

Adler Aquawood TIG High Res - Dip Base

Product information

Water based and ready-for-use timber preservative. The product contains effective UV absorbers for absorption of UV radiation and stabilising the wood constituent lignin. Very low VOC properties.



Product code	Description	Colours	Size	Packaging unit
5432GDO	Tinted dip base coat	golden oak	5L & 25L	1
5432CHN	Tinted dip base coat	chestnut	5L & 25L	1
5432RDW	Tinted dip base coat	redwood	5L & 25L	1
5432BLA	Tinted dip base coat	black ash	5L & 25L	1

Adler Pullex Aqua DSL - Top Coat

Product information

Good weathering and UV resistance; excellent permanent elasticity, excellent transparency; environmentally friendly, block-resistant, biocide-free, breathable. Can also be used for refurbishing coats of solvent-based thick-coat glaze finishes. Hand paintable.



Product code	Description	Colours	Size	Packaging unit
51501FFGDO	Tinted coating - top coat	golden oak	4L & 10L	1
51501FFCHN	Tinted coating - top coat	chestnut	4L & 10L	1
51501FFRDW	Tinted coating - top coat	redwood	4L & 10L	1
51501FFBLA	Tinted coating - top coat	black ash	4L & 10L	1

Adler Aquawood TIG High Res - Dip Base

Product information

Water based and ready-for-use timber preservative. The product contains effective UV absorbers for absorption of UV radiation and stabilising the wood constituent lignin. Very low VOC properties.



Product code	Description	Colours	Size	Packaging unit
5432GDO	Tinted dip base coat	golden oak	5L & 25L	1
5432CHN	Tinted dip base coat	chestnut	5L & 25L	1
5432RDW	Tinted dip base coat	redwood	5L & 25L	1
5432BLA	Tinted dip base coat	black ash	5L & 25L	1

Adler Intermedio ISO - Intermediate

Product information

Water-based intermediate coat. Good filling power and good sandability for especially full-bodied and smooth surfaces. Good insulating effect from timber extractives. The product is characterized by a high level of elasticity and block resistance. Prevents grinding through of coloured immersion impregnations.



Product code	Description	Colours	Size	Packaging unit
53613FFCLR	Intermediate mid coat	clear/transparent	5L & 25L	1

Adler Aquawood Fensterlasur Semi Gloss - Top Coat

Product information

Water-based, breathable timber glaze. Good weather resistance and high transparency. High level of block resistance, good mechanical resistance. Fast water resistance and good impact strength. Environmentally friendly, high level of water vapour permeability.



Product code	Description	Colours	Size	Packaging unit
53810FFGDO	Tinted semi gloss top coat	golden oak	5L & 20L	1
53810FFCHN	Tinted semi gloss top coat	chestnut	5L & 20L	1
53810FFRDW	Tinted semi gloss top coat	redwood	5L & 20L	1
53810FFBLA	Tinted semi gloss top coat	black ash	5L & 20L	1

Adler Aquawood DSL Q10 Matt - Top Coat

Product information

Water-based thick-film glaze. Very good weather-resistance and high level of transparency. The product is characterized by a high level of block resistance, very good impact strength, quick resistance to water, short drying time, improved resistance against mechanical damages, natural optical characteristic and good feel of the surface.



Product code	Description	Colours	Size	Packaging unit
51751FFGDO	Tinted matt top coat	golden oak	5L & 25L	1
51751FFCHN	Tinted matt top coat	chestnut	5L & 25L	1
51751FFRDW	Tinted matt top coat	redwood	5L & 25L	1
51751FFBLA	Tinted matt top coat	black ash	5L & 25L	1

Adler Aquawood Spritzlack XT Matt - Top Coat

Product information

Water-based, matt, opaque finishing coat with excellent weathering resistance and permanent elasticity. The product is characterized by a high level of block resistance, very good impact strength, quick resistance to water, short drying times, natural appearance and good feel of the surface. Good firmness on vertical surfaces combined with optimal flow. Particularly low number of micro-bubbles with airless spray application as a result of highly active de-foaming and deaerating agents.



Product code	Description	Colours	Size	Packaging unit
5020000010FFGDO	Coating - matt top coat	golden oak	5L & 20L	1
5020000010FFCHN	Coating - matt top coat	chestnut	5L & 20L	1
5020000010FFRDW	Coating - matt top coat	redwood	5L & 20L	1
5020000010FFBLA	Coating - matt top coat	black ash	5L & 20L	1

Adler Aquawood TIG High Res - Solid Dip Base

Product information

Water-based and ready-for-use timber preservative impregnation. Very good sagging behaviour on hardwood and softwood with insulating effect for timber extractives.



Product code	Description	Colours	Size	Packaging unit
543700101WHT	Coating - base coat	white	4L & 22L	1
543700101TNT	Coating - base coat	tinted	4L & 22L	1

Adler Acryl Spritzfuller High Res - Intermediate

Product information

Quick drying water-based. High level of permanent elasticity and filling properties. Good sandability and insulation of timber active substances. Especially gentle to the environment due to low content of organic solvents.



Product code	Description	Colours	Size	Packaging unit
41028WHT	Intermediate mid coat	white	5L & 20L	1

Adler 2K Acryl-Fensterfuller High Res - Intermediate Tannon Inhibitor

Product information

Very good sanding and filling properties. Very good insulation properties against water-soluble substances in the timber. The product is formulated without added biocidal active substances to protect against blue stain and timber-destroying fungi. Low content of organic solvents.



Product code	Description	Colours	Size	Packaging unit
43712WHT	Intermediate mid coat	white	5L & 20L	1

Adler Acryl Spritzlack Q10 Gloss White - Top Coat

Product information

Water-based glossy pigmented topcoat. Excellent weathering resistance, excellent permanent flexibility. The product is characterized by a high level of block resistance, very good impact strength, quick resistance to water, short drying times, improved mechanical and chemical resistance, natural appearance and good feel of the surface. Good firmness on vertical surfaces combined with optimal flow. Particularly low number of micro-bubbles with airless spray application as a result of highly active de-foaming and de-aerating agents.



Product code	Description	Colours	Size	Packaging unit
4325WHT	Gloss top coat for light colours	white	5L & 20L	1

Note: Please specify colour when ordering.

Adler Acryl-Spritzlack Q10 Gloss - Top Coat

Product information

Water-based glossy pigmented topcoat. Excellent weathering resistance, excellent permanent flexibility. The product is characterized by a high level of block resistance, very good impact strength, quick resistance to water, short drying times, improved mechanical and chemical resistance, natural appearance and good feel of the surface. Good firmness on vertical surfaces combined with optimal flow. Particularly low number of micro-bubbles with airless spray application as a result of highly active de-foaming and de-aerating agents.



Product code	Description	Colours	Size	Packaging unit
43270FF ??	Gloss top coat for dark colours	clear/transparent	5L & 20L	1

Note: Please specify colour when ordering.

Adler Ligno+Sealer SQ - Primer Coat

Product information

Water-based, transparent intermediate coating ready for application by spraying, with very good weather resistance and very good transparency on softwood with the above mentioned coating system. The product is environmentally friendly, block-resistant and has a good body and a good grindability.



Product code	Description	Colours	Size	Packaging unit
59114CLR	Interior primer coat	clear/transparent	5L & 20L	1

Adler Aquawood Natureffekt - Top Coat

Product information

Water-based, dull matt clear coat based on polyurethane dispersions, not yellowing. Especially natural look with accentuation of the timber surface. Good light resistance, high scratch resistance, block-resistance and chemical resistance. Without addition of active biocidal substances as protection against blue stain and timber destroying fungi.



Product code	Description	Colours	Size	Packaging unit
53700CLR	Interior top coat	clear/transparent	5L & 20L	1

Note: For use with blonde timbers only.

Adler Aquawood Spritzlack XT Matt - Top Coat

Product information

Water-based, matt, opaque finishing coat with excellent weathering resistance and permanent elasticity. The product is characterized by a high level of block resistance, very good impact strength, quick resistance to water, short drying times, natural appearance and good feel of the surface. Good firmness on vertical surfaces combined with optimal flow. Particularly low number of micro-bubbles with airless spray application as a result of highly active de-foaming and deaerating agents.



Product code	Description	Colours	Size	Packaging unit
5020000010FFGDO	Coating - matt top coat	golden oak	5L & 20L	1
5020000010FFCHN	Coating - matt top coat	chestnut	5L & 20L	1
5020000010FFRDW	Coating - matt top coat	redwood	5L & 20L	1
5020000010FFBLA	Coating - matt top coat	black ash	5L & 20L	1

Adler Lignovit Lasur - Primer Coat

Product information

Water-based, thin-layered wood glaze based on acrylic and alkyd resin dispersions. Very good processability, high blocking resistance, good weather resistance, even degradation when weathered.



Product code	Description	Colours	Size	Packaging unit
53135FFCLR	Exterior timber glaze	clear	4L & 18L	1
53135FFGDO	Exterior timber glaze	golden oak	4L & 18L	1
53135FFCHN	Exterior timber glaze	chestnut	4L & 18L	1
53135FFRDW	Exterior timber glaze	redwood	4L & 18L	1
53135FFBLA	Exterior timber glaze	black ash	4L & 18L	1

Adler Lignovit Platin - Top Coat

Product information

Water-thinnable, thin-layer timber glaze for industrial and commercial use. Enables spectacular metallic shimmering color effects through special pigmentation. Excellent weather resistance, even degradation when weathered.



Product code	Description	Colours	Size	Packaging unit
53289FFCLR	Exterior top coat	clear	4L & 20L	1
53289FFSA	Exterior top coat	silver ash	4L & 20L	1
53289FFSG	Exterior top coat	slate grey	4L & 20L	1
53289FFMG	Exterior top coat	mahogany	4L & 20L	1
53289FFTW	Exterior top coat	tawny	4L & 20L	1
53289FFPC	Exterior top coat	pecan	4L & 20L	1

Siegenia Aeropac

Product information

The small sound absorbing ventilator with big benefits: quiet, powerful, easy to use, quick to install.

There is a proven solution that has been used in countless projects to combat the increased noise pollution from fresh air supply systems: our sound-absorbing ventilator AEROPAC® – compact, quiet as a whisper, and with well over one hundred thousand installations. In combination with sound insulated windows, its sound absorption makes your own four walls a place of tranquility and relaxation again, regardless of road, rail or air traffic outside. Other environmental problems such as fine dust and pollen stay outside too, thanks to three different, optional filters.

The air exchange of the AEROPAC® can be conveniently set at several levels, as required, via the LCD. This little all-rounder consumes just 5W at 60 m³/h.

Product information

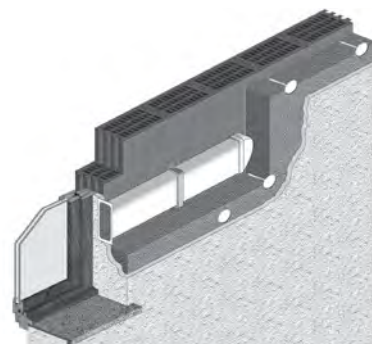
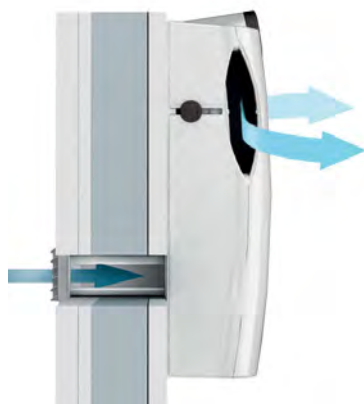
- highly effective sound absorption for a quiet and peaceful sleep
- draught-free ventilation, quiet as a whisper
- LCD display: air flow setting and programmable timer
- individual air control via sliders on the side
- 3 optional filters: coarse dust, activated carbon, and fine dust/pollen
- filter cassettes and a change indicator make changing the filter easy
- extremely small dimensions and elegant, high-gloss casing
- can be controlled via Z-Wave wireless system
- AEROPAC® can be easily installed on the sill
- smart variant can be operated with the SIEGENIA Comfort app

Simple installation

- core drill a hole in the outer wall
- fix pipe and weather grille in place
- alternative installation with vent duct, for example for composite thermal insulation systems

Product advantages

- controlled extraction of fresh air through the external wall – quiet, energy-saving, and with optimal sound absorption
- the air is cleaned through a coarse dust filter, an optional pollen/fine dust filter or an activated carbon filter
- individual control via a slider on the side – even, draughtfree fresh air supply



Installation with reveal channel

Siegenia Aerocube

Product information

The infinitely variable passive ventilator with effective sound absorption.

Convenience, a comfortable indoor environment, sound absorption and demand-controlled ventilation are all taken for granted with the AEROCUBE passive ventilator. Specially designed air outlets on the inner cover permit optimised air distribution. A regulating valve ensures infinite and convenient adjustment of the air distribution. A wind pressure barrier has been integrated to minimise draughts.

Aerocube product advantages

- fresh air supply through the outer wall when windows are closed
- outside air filtering by a G2 filter
- wind pressure barrier prevents draughts
- variable flow control
- high sound absorption thanks to special sound absorption pipe
- can also be used in bedrooms and children's rooms
- suitable for apartment buildings, single-family homes and office buildings on new build and renovation projects alike

Simple installation

- drill a 15 cm diameter hole into the outer wall
- attach pipe and weather grille
- install the inner cover



Aerocube with vent duct UFD

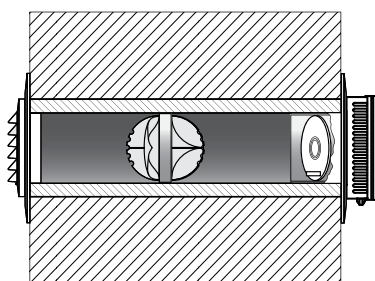
If the customer not only requires demand-controlled ventilation but also an uninterrupted facade view or high sound absorption as well, then AEROCUBE with the UFD vent duct is the right choice. It fulfills the same functions as the AEROCUBE. The UFD vent duct variants permit different building applications within the facade. Sound insulation values of up to 68 dB can also be achieved.

Aerocube with vent duct UFD product advantages

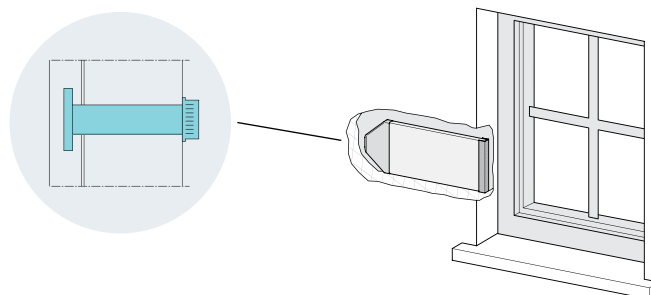
- product benefits: like the AEROCUBE
- high sound absorption up to 68 dB thanks to special sound absorption pipe
- flexible adjustment to the building structures
- unobstructed outside view of the facade due to virtually concealed installation: in the window reveal, on the side of the window reveal, under the wall or on the side of the window under the wall

Easy to install

- like the AEROCUBE, but with an 11 cm diameter hole
- installing the vent duct



Standard installation with wind pressure barrier



Installation in the window reveal

Siegenia Aerotube System

Product information

The wall mounted ventilator with supply and exhaust air functions, heat recovery and humidity sensor.

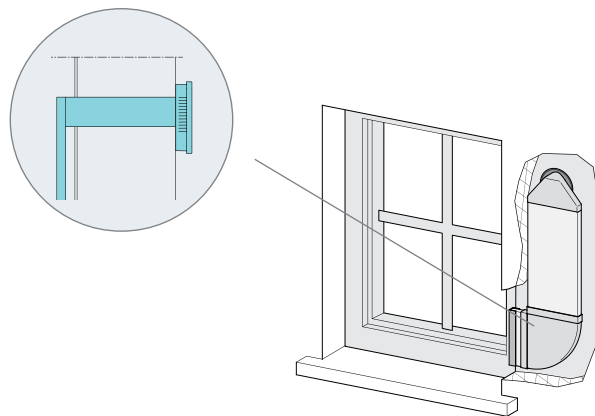
The AEROTUBE is discreet in appearance and offers maximum convenience in relation to the required level of ventilation in both new builds and renovations. It offers absolute room comfort because, due to its versatility, a wide range of ventilation requirements can be achieved individually, or as part of a system. The appropriate solution for practically every requirement whether this is active or passive, with or without heat recovery, air supply or air extraction operation.

Product information

- uniformly elegant interior appearance and low space requirement: the functional element is located in the pipe
- different unit versions
- up to 90% heat recovery, mechanical supply/exhaust air or on a pressure differential basis
- suitable for renovations and new builds
- devices with manual locking or optionally with electrical locking
- intelligent networking without a separate cable in the 'smart' version
- the air direction can also be assigned after installation
- operation via smartphone or tablet in the 'smart version
- efficient humidity control as standard in the 'smart' version
- vent duct for AEROTUBE DD 110 and AEROTUBE DD 150
- sound absorption requirements up to 70dB possible

Versions of Aerotube

- AEROTUBE WRG smart: Ventilation unit which can switch between supply and exhaust air and heat recovery
- The AEROTUBE AZ smart can be used as a supply air or exhaust air ventilation unit
- AEROTUBE DD 110, 150 or 160: ventilation unit on a pressure differential basis, can be used for supply or exhaust air, vent duct optional



Installation option: Aerotube DD150 with vent duct SFL

Siegenia Aerotube System - continued

Product information

The right solution for every need.

As the requirements for controlled ventilation can be so different, the AEROTUBE can adapt accordingly. The AEROTUBE WRG smart is an extremely energy-efficient ventilation unit. The automatic demand-controlled ventilation adapts the volume flow to the room conditions. The economic operating mode coupled with high heat recovery leads to one of the most energy-efficient devices in its class and it has been granted the A+ label. This means the highest standard of controlled room ventilation.

The AEROTUBE WRG smart can be used in pairs and also spanning the room. The alternating operation mode enables supply air and exhaust air operation with heat recovery, changing in one minute cycles. If desired, the AEROTUBE WRG smart can also be set to either one of supply air or exhaust air mode.

The AEROTUBE AZ goes into action where either exhaust air or supply air is required. With its uniform appearance, the active ventilator can be used as a supply air unit in one room and as an exhaust air extraction unit in another room. Operation in pairs is also possible. Further rooms can likewise be equipped according to demand. The different versions of the AEROTUBE series can also be combined. A decentralised ventilation system can be achieved at little expense due to the device's diversity. The WLAN function is also available as standard with the AEROTUBE WRG smart.

Aerotube WRG product information

- supply and exhaust air operation with heat recovery
- single operation or operation in pairs, also spanning the room
- alternating operation mode
- cycle times approx. 1 minute
- exhaust air operation / supply air operation / cross ventilation

Aerotube AZ product information

- single operation or operation in pairs, also spanning the room
- exhaust air operation / supply air operation
- cross ventilation (at least two devices required)
- can be subsequently retrofitted with heat recovery

Easy to install

- core drill a hole in the outer wall
- fix pipe and weather grille in place
- as no cable has to be routed between the devices, the installation expenditure is reduced
- subsequent function assignment of devices possible on site and after installation



Aerotube WRG smart



Aerotube AZ smart

Siegenia Aerolife

Product information

The energy saving universal ventilator with pollen protection and heat recovery.

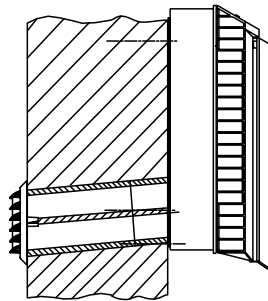
This wall-mounted ventilator scores well too in terms of energy saving ventilation without noise pollution and its pollen filter system. This makes it a particularly good solution for bedrooms and living spaces. Both AEROLIFE® and AEROVITAL® are suitable for use in new builds and renovations thanks to their easy installation.

Product information

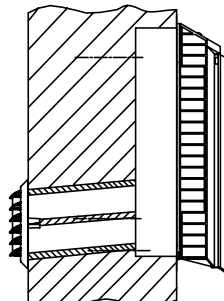
- the device has 3 setting levels for the blower
- backlit LCD
- pollen filtering
- heat recovery of up to 66%
- indicates room temperature, air humidity and whether the filter needs to be replaced
- integrated closing flaps

Simple installation

- drill a hole with a diameter of 12cm in the outer wall
- fix pipe and weather grille in place
- on-wall and in-wall mounting possible



On-wall installation



In-wall installation

Siegenia Sensoair

Product information

The intelligent air quality sensor with CO² and VOC control for activating window mounted and wall mounted ventilators.

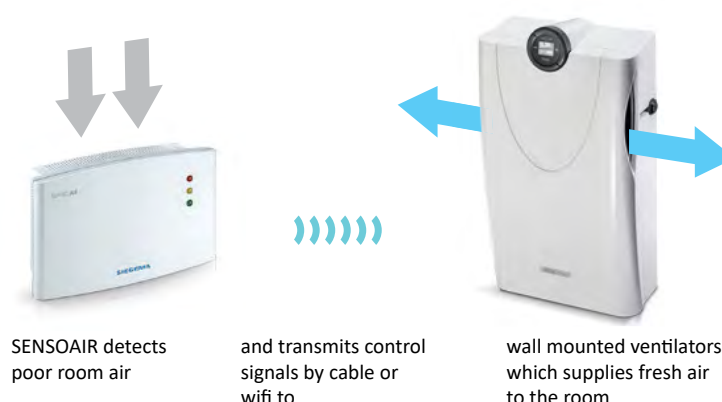
The SENSOAIR gives you the green light for clean air and a healthy sense of well-being for maximum benefit. The intelligent air quality sensor registers many different types of pollution in the room air – before the human body can even react and the recommended values have been exceeded. By automatically activating the wall-mounted or window-mounted ventilators as needed, it combats CO², nicotine, smoke and unpleasant odours for air quality that you can see. The current status of the air in the room can be checked with a glance at the ventilation traffic lights integrated into the casing.

Product information

- recognises many different pollutants in the room air
- for simple, convenient and needs-based ventilation
- elegant design, trouble-free installation
- can be used anywhere with conventional wiring

Function options

- SENSOAIR plus for controlling ventilation units and motorised drives
- SENSOAIR smart for integration in the SIEGENIA Comfort app



Ramsauer Sealing Adhesive 640

Product information

640 Dicht Kleber sealing adhesive is suitable for gluing static and vibrating structures and components in car-body construction, container manufacturing and in boats, as well as for air conditioning systems and floor joints. 640 Dicht Kleber is a quickly curing neutral heavy-duty adhesive with high initial adhesive force. Highly weather resistant, does not contain any silicone, isocyanates or solvents, adheres to moist substrates, particularly suitable for gluing mirrors, suitable for application in clean rooms. Tested to provide burglar-resistant joints of resistance class ("WK") 2. Tested to EMICODE EC 1 - R very low emission. Fulfills the requirements of LEED and DGNB.



Product code	Description	Colour	Size (ml)	Packaging unit
4250302	Sealing adhesive 640	white	310	12

Ramsauer Kraft Fix Power Adhesive 655

Product information

655 Kraft Fix is a silicone and isocyanate-free power adhesive with a shore-A hardness of approx. 80. 655 Kraft Fix cures virtually without shrinking and without any odour. Thanks to its excellent adhesion to a wide variety of substrates it can be used for a vast field of applications. The product is suitable for window manufacturing, for securing the glass panes in timber and uPVC frames. Suitable for gluing mirrors. Fulfills the requirements of LEED and DGNB.



Product code	Description	Colour	Packaging unit
4290202	Kraft fix power adhesive 655	white	20
4290206	Kraft fix power adhesive 655	grey	20

Soudal FIX ALL Crystal

Product information

Fix ALL® Crystal: The perfect product if you are in search of a sealant-glye with same strong properties as the Fix ALL® Classic and is also 100% transparent and paintable.



Product code	Description	Colour	Size (ml)	Packaging unit
122630	Polymer adhesive sealant	clear/transparent	290	12

Ramsauer Marine Adhesive 540

Product information

540 SEAL ADHESIVE is characterised by outstanding durability, vibration resistance, and elasticity over a wide temperature range. 540 SEAL ADHESIVE has excellent adhesion to moist substrates. Thanks to quick curing and high initial adhesive force, 540 SEAL ADHESIVE is suitable for preparing weather-resistant glue joints capable of bearing dynamic loads, in particular in the construction of boats, ships, yachts, and containers. Suitable for a wide variety of substrates, such as timber, metal, glass-reinforced plastic, a wide range of plastics, as well as mirrors.



Product code	Description	Colour	Size (ml)	Packaging unit
4253402	Marine Adhesive 540	white	310	20

Ramsauer Pur Seal 522

Product information

Ready to use polyurethane sealant used to create resilient and vibration resistant joints, suitable for indoor and outdoor use. Multi-purpose, providing good adhesion to timber, anodised aluminium, paint-coated metal, polyester, concrete etc, even without a previous primer coating.



Product code	Description	Colour	Size (ml)	Packaging unit
3230603	Pur seal marine 522	black	600	20

Ramsauer PU Marine Bond 550

Product information

Ready to use polyurethane adhesive and sealant with excellent adhesive properties and high mechanical strength. The joint sealing compound is tolerance compensating, vibration-reducing, resilient and non-corrosive, and suitable for dynamically loaded bonded and sealed joints. Multi-purpose, providing good adhesion to timber, paint-coated metal, polyester, concrete etc, even without a previous primer coating.



Product code	Description	Colour	Size (ml)	Packaging unit
4070603	Pur bond marine 550	black	600	20

Ramsauer Adhesive 620

Product information

620 Konstruktions Kleber Rapid construction adhesive is very fast, silicone-free and cures with air humidity or residual moisture (e.g. in timber) to form a highly resistant joint. Suitable for timber, metals, fire-resistant building slabs, containers, ventilation and air conditioning systems, etc. The adhesive can be covered with paint coats, can be ground, and it is waterproof.



Product code	Description	Colour	Size (ml)	Packaging unit
4050300	Construction adhesive 620	off white	310	20

Corfix Duo Adhesive

Product information

A two-component, polyurethane solvent-free adhesive designed for structural bonding of aluminum frame and sash corners. Can be used for pressure bonding of all kinds of insulating materials, gypsum board, FGK plates with steel, concrete.



Product code	Description	Colour	Size (gr)	Packaging unit
50411119000N	Adhesive	beige	900	10
50411119000SZ	Adhesive	grey	900	10

Ramsauer 120 Silicone

Product information

120 Neutral is particularly suitable for sealing insulating glass in timber frames with water dilutable paint systems, as well as for sealing connection joints. Adheres well without primer, compatible with paint coats, abrasion-free. Tested to DIN 18545, Part 2, Group E and EN ISO 11600, Class G25LM. In accordance with DIN 18540, Part 1. Fulfills the requirements of LEED and DGNB.



Product code	Description	Colour	Size (ml)	Packaging unit
1100301	Neutral crosslinking silicone	transparent	310	20
1100302	Neutral crosslinking silicone	white	310	20
1100303	Neutral crosslinking silicone	black	310	20
1100304	Neutral crosslinking silicone	dark brown	310	20
1100305	Neutral crosslinking silicone	bronze	310	20
1100306	Neutral crosslinking silicone	grey	310	20
1100308	Neutral crosslinking silicone	oak	310	20
1100390	Neutral crosslinking silicone	clay brown	310	20

Ramsauer Natural Stone 440 Silicone

Product information

NATURAL STONE 440 is a sealant specifically developed for jointing natural stone such as marble, granite, terrazzo, etc. An important advantage of this product over conventional silicone sealants is that contact with the mentioned building materials does not cause contamination of edge zones. NATURAL STONE 440 contains fungicidal and bactericidal agents and is also resistant to commercially available cleaners and disinfectants. NATURAL STONE 440 is suitable for use in joints exposed to high stress as well as for application in underwater structures. Tested to DIN EN ISO 846. Tested to ISO 16938-1 (test to determine staining of edge zones of natural stone by sealants used in joints). Suitable for use in food areas.



Product code	Description	Colour	Size (ml)	Packaging unit
1900301	Neutral crosslinking silicone	transparent	310	20
1900302	Neutral crosslinking silicone	white	310	20
1900303	Neutral crosslinking silicone	black	310	20
1900310	Neutral crosslinking silicone	bahama beige	310	20
1900319	Neutral crosslinking silicone	manhattan	310	20
1900321	Neutral crosslinking silicone	anthracite	310	20
1900325	Neutral crosslinking silicone	joint grey	310	20
1900328	Neutral crosslinking silicone	concrete grey	310	20
1900345	Neutral crosslinking silicone	pergamon	310	20

Ramsauer 450 Silicone

Product information

SANITARY 450 exhibits excellent adhesion to all materials that are commonly used in sanitary areas and facilities. This product contains fungicidal and bactericidal agents to prevent infestation by micro-organisms (mould fungi, bacteria). Great ease of application. SANITARY 450 is resistant to commercially available cleaning agents and disinfectants. More colours available on request. Tested to DIN EN ISO 846.



Product code	Description	Colour	Size (ml)	Packaging unit
2000301	Acidic crosslinking silicone	transparent	310	20
2000302	Acidic crosslinking silicone	white	310	20
2000310	Acidic crosslinking silicone	bahama beige	310	20
2000319	Acidic crosslinking silicone	joint grey	310	20
2000325	Acidic crosslinking silicone	manhattan	310	20
2000345	Acidic crosslinking silicone	pergamon	310	20
2001321	Acidic crosslinking silicone	anthracite	310	20
2002303	Acidic crosslinking silicone	black	310	20

Ramsauer Primer 100

Product information

For silicone and hybrid sealing compounds on plastics.



Product code	Description	Size (ml)	Packaging unit
9600310	Primer 100	300	1

Ramsauer Primer 180

Product information

Special primer for gluing natural stone using 655 Kraft Fix adhesive.



Product code	Description	Size (ml)	Packaging unit
9600118	Primer 180	300	1

Beam Bracket With Outer Flange

Product information

One piece angled outwards for nailing, screwing or doweling, with 5mm and 13mm pre-drilled holes.



Product code	Description	Dimensions (mm)	No of holes	Packaging unit
0000193158	Bracket with outer flange	60 x 100 x 2.0	16/4	50
0000193159	Bracket with outer flange	160 x 200 x 2.5	32/8	25
0000193160	Bracket with outer flange	180 x 220 x 2.5	38/8	25
0000193161	Bracket with outer flange	200 x 240 x 2.5	42/10	25
0000307969	Bracket with outer flange	100 x 200 x 2.0	30/6	20

Perforated Angle Bracket

Product information

Angle bracket with pre-drilled holes.



Product code	Description	Dimensions (mm)	No of holes	Packaging unit
0000193194	Angle bracket	60 x 60 x 60 x 2.0	18	100
0000193197	Angle bracket	80 x 80 x 80 x 2.0	32	100
0000193201	Angle bracket	100 x 100 x 100 x 2.0	50	100

Timber Beam Construction Screws - Zinc

Product information

Optimised cutting tip, no washers required.



Product code	Description	Width x Height (mm)	Driver	Material	Packaging unit
116T6x50	Construction screw	6.0 x 50	TX30	blue zinc plated	100
116T6x70	Construction screw	6.0 x 70	TX30	blue zinc plated	100
116T6x100	Construction screw	6.0 x 100	TX30	blue zinc plated	100
116T6x120	Construction screw	6.0 x 120	TX30	blue zinc plated	100
116T6x160	Construction screw	6.0 x 160	TX30	blue zinc plated	100
116T6x200	Construction screw	6.0 x 200	TX30	blue zinc plated	100
116T6x260	Construction screw	6.0 x 260	TX30	blue zinc plated	100
116T6x300	Construction screw	6.0 x 300	TX30	blue zinc plated	100
116T8x100	Construction screw	8.0 x 100	TX40	yellow zinc plated	50
116T8x120	Construction screw	8.0 x 120	TX40	yellow zinc plated	50
116T8x160	Construction screw	8.0 x 160	TX40	yellow zinc plated	50
116T8x200	Construction screw	8.0 x 200	TX40	yellow zinc plated	50
116T8x260	Construction screw	8.0 x 260	TX40	yellow zinc plated	50
116T8x300	Construction screw	8.0 x 300	TX40	yellow zinc plated	50
116T8x360	Construction screw	8.0 x 360	TX40	yellow zinc plated	50
116T8x400	Construction screw	8.0 x 400	TX40	yellow zinc plated	50

Timber Beam Construction Screws - Stainless Steel

Product information

Optimised cutting tip, no washers required.



Product code	Description	Width x Height (mm)	Driver	Material	Packaging unit
117TE6x50	Construction screw	6.0 x 50	TX25	stainless steel	100
117TE6x70	Construction screw	6.0 x 70	TX25	stainless steel	100
117TE6x100	Construction screw	6.0 x 100	TX25	stainless steel	100
117TE6x120	Construction screw	6.0 x 120	TX25	stainless steel	100
117TE6x160	Construction screw	6.0 x 160	TX25	stainless steel	100
117TE8x50	Construction screw	8.0 x 50	TX40	stainless steel	100
117TE8x70	Construction screw	8.0 x 70	TX40	stainless steel	100
117TE8x100	Construction screw	8.0 x 100	TX40	stainless steel	100
117TE8x120	Construction screw	8.0 x 120	TX40	stainless steel	50
117TE8x160	Construction screw	8.0 x 160	TX40	stainless steel	50
117TE8x200	Construction screw	8.0 x 200	TX40	stainless steel	50
117TE8x250	Construction screw	8.0 x 250	TX40	stainless steel	50
117TE8x300	Construction screw	8.0 x 300	TX40	stainless steel	100
117TE8x400	Construction screw	8.0 x 400	TX40	stainless steel	50

blaugelb Self Drilling Screw

Product information

Self drilling window construction screw with millribs for optimal use with window reinforcement.



Product code	Description	Driver	Thickness (mm)	Length (mm)	Material	Packaging unit
9051274	Self drilling screw	PH2	3.9	16	galvanised steel	1000
9051275	Self drilling screw	PH2	3.9	19	galvanised steel	1000
9051276	Self drilling screw	PH2	3.9	25	galvanised steel	1000
9051277	Self drilling screw	PH2	3.9	32	galvanised steel	500
9051278	Self drilling screw	PH2	3.9	40	galvanised steel	500

Note: PH2 driver bit available for purchase - product code 0009075806.

blaugelb uPVC Hardware Screw

Product information

Needle point hardware fixing screw for optimal use in uPVC window construction.



Product code	Description	Driver	Thickness (mm)	Length (mm)	Material	Packaging unit
9051255	Needle point screw	PH2	4	16	galvanised steel	1000
9051256	Needle point screw	PH2	4	20	galvanised steel	1000
9051257	Needle point screw	PH2	4	25	galvanised steel	1000
9051258	Needle point screw	PH2	4	30	galvanised steel	1000
9051259	Needle point screw	PH2	4	35	galvanised steel	500
9051260	Needle point screw	PH2	4	40	galvanised steel	500
9051261	Needle point screw	PH2	4	45	galvanised steel	500
9051262	Needle point screw	PH2	4	50	galvanised steel	500
9051263	Needle point screw	PH2	4	55	galvanised steel	500

Note: PH2 driver bit available for purchase - product code 0009075806.

blaugelb SuperTape

Product information

Due to its special properties, the blaugelb SuperTape is used, among other things, for gluing panel-covering panels on plastic / aluminum doors.

blaugelb SuperTape is a double-sided, high-performance adhesive tape based on acrylate. It was specially developed for bonding on low-energy surfaces (Low Surface Energy, LSE) such as powder-coated surfaces and various plastics, coated glass and many other surfaces that place high demands on the bonding. With the blaugelb SuperTape you can do without a primer in most cases, but for corresponding requirements we also offer coordinated blaugelb primers.

blaugelb SuperTape consists of 100% acrylic adhesive, which forms an almost indestructible connection between the substrates to be bonded. The blaugelb SuperTape can absorb and compensate for the different thermal expansion of the two materials with which it is connected. Since the tape remains visco-elastic, it is very well suited to absorb dynamic loads and to permanently absorb tensile, shear, splitting and peeling forces. Due to its strong initial tack, blaugelb SuperTape sticks immediately.

The closed cell structure gives the blaugelb SuperTape absolute wind and water tightness. When bonding two metals, the blaugelb SuperTape serves as a barrier and prevents metal corrosion between the surfaces.

Product advantages

- strong adhesive strength with high initial adhesion, even without primer, immediate adhesion to most materials
 - suitable for low-energy surfaces, powder-coated substrates, various plastics, PVC, coated glass, aluminum, ceramics, silicones *
 - high peel and shear strength
 - excellent conformability, can be used on structured surfaces
 - safe drying of the joint to the outside
 - driving rain and windproof
 - plasterable and paintable, concealed installation
 - UV-resistant up to 3 months
 - resistant to plasticizers, solvents, chemicals
 - UV, temperature, water and weather resistant
 - permanently aging resistant
 - vibration and sound-absorbing properties
 - tear-resistant and robust
 - excellent tightness, no separate sealing necessary
 - high impact resistance even at temperatures below 0 ° C
 - temperature-resistant from -40 ° C to + 90 ° C, briefly up to + 120 ° C
 - in the system Available with the coordinated blaugelb Cleaner IPA 10, blaugelb Primer 101 and blaugelb Primer 33
 - even stress distribution
- * Carry out suitable preliminary tests for all materials, use primer if necessary. Plastics such as PP, PE, PTFE etc. vary widely. Do not use for decorative films based on PMMA.



Product code	Description	Width (mm)	Length (m)	Thickness (mm)	Packaging unit
0414730	Black supertape	12	33	0.64	5
0414731	Black supertape	12	33	1.1	5
0414732	Black supertape	12	16.5	1.5	5
0422086	Cleaning fluid - 1 litre	-	-	-	1
0414734	Primer - 1 litre	-	-	-	1

blaugelb Installation Screws

Product information

A universal fastener for the dowelless, efficient assembly of components made of timber, uPVC, aluminum and timber/aluminum in various substrates (concrete, sand-lime brick, solid brick, timber, lightweight concrete, aerated concrete, high-hole brick).

Product advantages

- approved and market-proven attachment
- universal application in many common building materials
- suitable for clamping
- tapered thread tip reduces screwing torque
- distance fixing without side locking

Pan Head Installation Screw



Frame fixing pan head screw is particularly suitable for the following application:

- direct fastening for the tension-free installation of windows and doors
- suitable for all frame materials
- can be used without lateral distance blocking

Product code	Description	Driver	Thickness (mm)	Size (mm)	Packaging unit
0422314	Window installation screws	TX30	7.5	62	100
0422319	Window installation screws	TX30	7.5	82	100
0422321	Window installation screws	TX30	7.5	102	100
0422325	Window installation screws	TX30	7.5	122	100
0422329	Window installation screws	TX30	7.5	152	100

Note: TX30 driver bit available for purchase - product code 0009075835.

Bullet Head Installation Screw



Frame fixing bullet head screw is particularly suitable for the following application:

- direct fixing for the tension-free installation of windows and doors
- suitable for all frame materials
- can be used without lateral distance blocking
- preferably used in timber and timber/aluminum windows

Product code	Description	Driver	Thickness (mm)	Size (mm)	Packaging unit
0423709	Window installation screws	TX30	7.5	62	100
0423711	Window installation screws	TX30	7.5	82	100
0423713	Window installation screws	TX30	7.5	102	100
0422715	Window installation screws	TX30	7.5	122	100
0423717	Window installation screws	TX30	7.5	152	100

Note: TX30 driver bit available for purchase - product code 0009075835.

Window Installation Screws - Countersunk Head

Product information

Small fixing head for flush finish.



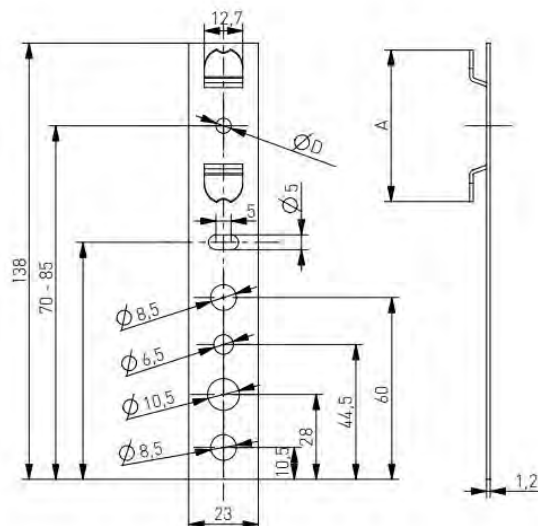
Product code	Description	Driver	Size (mm)	Packaging unit
6606027407	Window installation screws	TX30	7.5 x 82	100
6606027421	Window installation screws	TX30	7.5 x 102	100
6606027435	Window installation screws	TX30	7.5 x 122	100
6606027449	Window installation screws	TX30	7.5 x 152	100
6606027456	Window installation screws	TX30	7.2 x 182	100

Note: TX30 driver bit available for purchase - product code 0009075835.

uPVC Window Installation Anchors - Turn In

Product information

To aid in the installation of uPVC windows (1.2mm thick).



Product code	Description	Dimension A (mm)	Profile	Packaging unit
66025000100	Turn in installation bracket	25.0	Brugmann / Aluplast 7000 / Aluplast 8000	1000
66028000100	Turn in installation bracket	28.0	Salamander	1000
66032000100	Turn in installation bracket	32.0	Gealan 3000 / Bluevolution	1000
66037000100	Turn in installation bracket	37.0	Aluplast / LB / Wintech / Drutex / Decco 60 / Wital	1000
66041000100	Turn in installation bracket	41.0	Schuco / Rehau / KBE 88+ / Trocal	1000
66042500100	Turn in installation bracket	42.5	Veka	1000
66044500100	Turn in installation bracket	44.5	Gealan 8000/9000	1000
66044500100N	Turn in installation bracket	44.5	KBE 70 / Kommerling Euro / Inoutic Arcade / Inoutic E-Forte	1000
66046000100	Turn in installation bracket	46.0	Decco 70	1000
6604800100	Turn in installation bracket	48.0	Profine 76	1000
66049000100	Turn in installation bracket	49.0	Awangarde / Inoutic Prestige	1000
66050000100	Turn in installation bracket	50.0	Brugmann AD	1000

uPVC Window Installation Anchors - Knock In

Product information

Rotatable drop-in anchor fitting with 25mm width for different uPVC profiles, drilling through the window frame is not necessary. Fastening of the plate in the wall with different screws is possible.

Product advantages

- the clamp can be easily driven into the window profile
- the fastening point in the wall can be freely positioned with the rotatable plate
- designed with one or two target bending points
- no hindrance in case of a thermally caused change in length of the window frame



Product code	Description	Thickness (mm)	Length (mm)	Packaging unit
451-035	Window anchor - Aluplast 2000-7000	1.25	150	250
455-016	Window anchor - Aluplast 2000-7000	1.25	200	150
466-005	Window anchor - Aluplast 2000-7000	2.00	260	150
451-033	Window anchor - Deceuninck Zendow	1.25	150	250
455-005	Window anchor - Deceuninck Zendow	1.25	200	200
466-033	Window anchor - Deceuninck Zendow	2.00	260	150
450-037	Window anchor - KBE 70mm	1.25	150	250
453-037	Window anchor - KBE 70mm	1.25	200	150

Timber Window Installation Anchors

Product information

Grip points for locating on window, ideal for situations without a reveal.

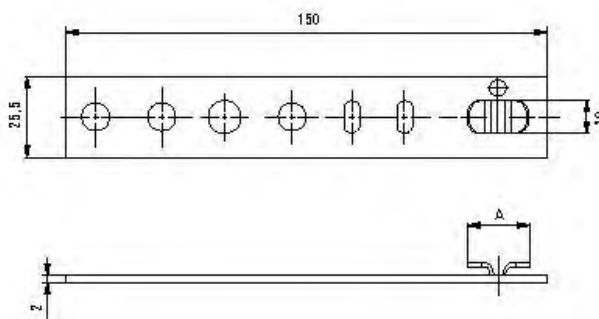


Product code	Description	Size (mm)	Packaging unit
102279675	Window installation bracket	140 x 19	1

ALU Window Installation Anchors

Product information

Turn and grip style for quick and easy installation.

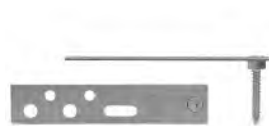


Product code	Description	Dimension A (mm)	Profile	Packaging unit
66219000105	Steady montage anchor	16.5	Schuco	250
66219000103	Steady montage anchor	18.5	Aluplast / Aluprof / Ponzio / Yawal / Aluron	250

blaugelb Protect Window Installation Brackets

Product information

Easily adjustable fastening system for timber, uPVC and aluminum windows, which can be installed all around at any required fastening point.



Product code	Description	Dimensions (mm)	Material	Packaging unit
0428830	Installation brackets	150 x 50 x 2.5	galvanised steel	50
0428835	Installation brackets	220 x 50 x 2.5	galvanised steel	25
0428839	Installation brackets	280 x 50 x 2.5	galvanised steel	25
0428842	Assembly key 13mm	-	galvanised steel	1

Soudal Gun Expanding Foam

Product information

Polyurethane based insulation and filling foam which forms a permanent, air tight and waterproof bond to wood, metal, glass, masonry, polystyrene, concrete and most plastics (not on PE, PP). It is fitted with the revolutionary new Duravalve which ensures longer shelf life, non-clogging and higher yield per can.



Product code	Description	Size (ml)	Packaging unit
130278	PU gun foam trigger	750	12

Soudal Foam Gun Cleaner

Product information

Gun & foam cleaner is a ready to use cleaning aerosol can for use on Soudafoam Gun and Soudal foams.



Product code	Description	Size (ml)	Packaging unit
106310	PU gun & foam cleaner	500	12

Universal Positioning Spreader URP

Product information

Precise, fast and failure-free window positioning during installation, enabling complete control of positioning and spreading force for uPVC, aluminium and timber windows.



Product code	Description	Material	Packaging unit
800EMOURP	Positioning wedge	plastic	100

blaugelb Joint Sealing Tape 300

Product information

Used for sealing strip joints and window installations, suitable for joint widths between 2-6mm, 5-12mm, and 9-20mm.



Product code	Description	Joint width (mm)	Width (mm)	Length (m)	Packaging unit
0418855	Installation compression tape	2-6	15	12	20
0418858	Installation compression tape	5-12	20	5.6	15
0418860	Installation compression tape	9-20	20	3.3	15

Forum Socket Hex Set

Product information

Forum hex drive socket set.



Drive	Hex Drive Sizes (mm)
1/4" square drive	3
1/4" square drive	4
1/4" square drive	5
1/4" square drive	6
1/2" square drive	5
1/2" square drive	6
1/2" square drive	8
1/2" square drive	10
1/2" square drive	12
1/2" square drive	14
1/2" square drive	17
1/2" square drive	8mm long series
1/2" square drive	10mm long series

Product code	Description	Material	Packaging unit
4317784922494	Socket hex set	chrome-vanadium steel	1

Forum Socket TORX® Set

Product information

Forum TORX® drive socket set.



Drive	TORX® Drive Sizes
1/2" square drive	T 20
1/2" square drive	T 25
1/2" square drive	T 27
1/2" square drive	T 30
1/2" square drive	T 40
1/2" square drive	T 45
1/2" square drive	T 50
1/2" square drive	T 55
1/2" square drive	T 60

Product code	Description	Material	Packaging unit
4317784922500	Socket TORX® set	chrome-vanadium steel	1

ASW Socket TORX® Drivers

Product information

Power screwdriver bit 1/2 drive “for internal TORX® screws, made of tempered special tool steel, hardened and sandblasted.



Product code	Description	TORX® Size	Length (mm)	Material	Packaging unit
6601003445	Power socket wrench inserts	TX30	55	steel	1
6601003448	Power socket wrench inserts	TX40	55	steel	1
6601003449	Power socket wrench inserts	TX45	55	steel	1
6601003451	Power socket wrench inserts	TX50	55	steel	1
6601003454	Power socket wrench inserts	TX55	55	steel	1
6601003455	Power socket wrench inserts	TX60	55	steel	1

Wera Impact TORX® Drivers

Product information

Bit for TORX® screws 1/4“ drive. With Impaktor technology for above-average service life for screwing in timber, metal and sheet metal, particularly suitable for use with standard impact / impact wrenches.



Product code	Description	TORX® Size	Length (mm)	Material	Packaging unit
6601006742	Impact TORX® driver	TX20	50	steel	1
6601006997	Impact TORX® driver	TX25	50	steel	1
6601007000	Impact TORX® driver	TX30	50	steel	1
6601007003	Impact TORX® driver	TX40	50	steel	1

Stroxx Driver Bits

Product information

Bits with color ring, 3 pieces.

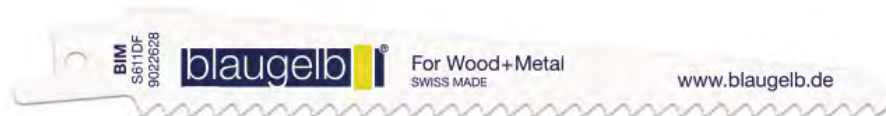


Product code	Description	Drive	Length (mm)	Colour	Packaging unit
0009075805	Bits with colour ring, 3 pieces - 1/4	PH1	90	yellow	1
0009075806	Bits with colour ring, 3 pieces - 1/4	PH2	90	yellow	1
0009075807	Bits with colour ring, 3 pieces - 1/4	PH3	90	yellow	1
0009075811	Bits with colour ring, 3 pieces - 1/4	TX10	90	blue	1
0009075812	Bits with colour ring, 3 pieces - 1/4	TX15	90	blue	1
0009075813	Bits with colour ring, 3 pieces - 1/4	TX20	90	blue	1
0009075834	Bits with colour ring, 3 pieces - 1/4	TX25	90	blue	1
0009075835	Bits with colour ring, 3 pieces - 1/4	TX30	90	blue	1
0009075838	Bits with colour ring, 3 pieces - 1/4	HEX 4mm	70	orange	1
0009075840	Bits with colour ring, 3 pieces - 1/4	HEX 5mm	70	orange	1

blaugelb Saber Saw Blade

Product information

Optimized blade shape with 130mm working blade, for maximum accessibility for timber and metal. Suitable for plunge cuts and can handle a wide variety of materials; including timber with nails / metal, chipboard, hard uPVC, GRP and epoxy.



Product code	Description	Length (mm)	Material	Packaging unit
0009022628	Saber saw blade - 5 pieces	150	bi-metal	1

blaugelb Jigsaw Blade - Quick Cut

Product information

Ideal for softer timbers in the construction area, and suitable for thick timber or fiberboard. Suitable for plunge cuts, long service life.



Product code	Description	Length (mm)	Material	Packaging unit
0009022632	Jigsaw blade - 5 pieces	100	steel	1
0009022631	Jigsaw blade - 5 pieces	152	steel	1

blaugelb Jigsaw Blade - Clean Cut

Product information

Ideal for softer timbers in the construction area. Suitable for plunge cuts, with 72mm working length and 2.7 mm tooth pitch, long service life.



Product code	Description	Length (mm)	Material	Packaging unit
0009022633	Jigsaw blade - 5 pieces	100	steel	1

Forum Iron Lever with Rolling Head

Product information

Iron lever with roller head, 14mm diameter and 400mm length.



Product code	Description	Material	Packaging unit
6601003961	Iron lever	chrome-vanadium steel	1

Peddinghaus Iron Lever Set

Product information

Lever iron set with a non-slip two-component plastic handle and a hanging hole in the handle. Set includes 200mm, 300mm, 450mm and 600mm lengths.



Product code	Description	Material	Packaging unit
6601003967	Iron lever set	chrome-vanadium steel	1

Halder Superplastic Sledge Hammer

Product information

Sledge hammer with malleable cast iron hammer housing, interchangeable hickory handle, and striking heads and striking inserts made of super plastic, medium hard.



Product code	Description	Head Diameter (mm)	Length	Packaging unit
6601011602	Sledge hammer	125	-	1

Halder Nylon Sledge Hammer

Product information

Supercraft sledge hammer, non-rebound, with interchangeable nylon inserts. Hammer body made of steel with hickory handle.



Product code	Description	Head Diameter (mm)	Length (mm)	Packaging unit
6601011809	Sledge hammer	100	1000	1

Stabila Electronic Angle Level

Product information

Electronic protractor used for quickly determining and transmitting internal and external angles in a range from 0° to 270°.



Product code	Description	Length (cm)	Packaging unit
6601018698	Electronic angle level	45	1

STROXX Spirit Level

Product information

Shock proof (impact resistant) spirit levels in black design, and UV resistant.



Product code	Description	Length (cm)	Packaging unit
0009072662	Spirit level 100-443	40	1
0009072663	Spirit level 100-445	60	1
0009072664	Spirit level 100-446	80	1
0009072665	Spirit level 100-447	100	1
0009072666	Spirit level with magnet 100-453	40	1
0009072667	Spirit level with magnet 100-454	60	1
0009072806	Spirit level with magnet 100-455	120	1

STROXX Telescopic Assembly Support

Product information

Ceiling and assembly support for dry lining and timber beams, provides easy assistance for ceilings and sloping walls. Extendable from 1.6-2.9m, with a 90kg maximum weight at 90 deg, and a 40kg maximum weight at 65 deg.



Product code	Description	Size (m)	Packaging unit
0009072641	Telescopic support rod	1.6 - 2.9	1

STROXX Folding Trestle

Product information

Foldable 78.1 x 99.1 cm trestle table with steel frame and anti slip pad. Easily collapsible for storage, and two hooks on the side enable the solid assembly of two work trestles.



Product code	Description	Weight (kg)	Packaging unit
0009071990	Foldable trestle	136	1

Forum Drill Auger Set

Product information

6-piece drill set in timber casing includes 12mm, 14mm, 16mm, 18mm, 20mm and 22mm drills.



Product code	Description	Overall length (mm)	Packaging unit
6602002743	Drill set	460	1

STROXX Multi-tool - 14 in 1

Product information

Multi-function tool and case, with needle nose pliers, flat nose pliers, side-cutters, serrated cutting edge, flat-blade screwdriver, Phillips screwdriver, knife blade, nailer, file with flat-blade screwdriver, mandrel, medium flat-blade screwdriver, bottle opener and screwdriver.



Product code	Description	Packaging unit
6601010174	Multifunction tool	1

Otter Industrial Knife

Product information

Industrial knife with leather case and sharpening steel.



Product code	Description	Material	Length - closed (mm)	Packaging unit
6601010195	Industrial knife	stainless steel & timber	100	1

Forum Cable Knife

Product information

Foldable 1-piece knife with timber handle, blade with notch.



Product code	Description	Length (mm)	Packaging unit
6601008575	Cable knife	195	1

STROXX Utility Knife

Product information

Aluminium cutter knife with 18mm snap-off blade.



Product code	Description	Blade width (mm)	Packaging unit
0009052741	Cutter knife	18	1
0000427753	Cutter knife blades	18	50

Dust Pan & Brush

Product information

Metal dustpan with long timber handle. Industrial hand brush with coconut and raw timber.



Product code	Description	Packaging unit
6601018028	Dustpan	1
6601018016	Dustpan brush 45cm	1

blaugelb Foam Gun

Product information

Metal foam gun used for PU foam cans. The rubberized handle is ergonomically shaped and ensures a secure grip and fatigue-free working.



Product code	Description	Material	Packaging unit
0361772	PU foam gun with 2 tapered nozzles	metal	1

blaugelb Flexible Foam Gun

Product information

More flexible than the standard foam gun, the flexible helper can access hard-to-reach areas.



Product code	Description	Material	Packaging unit
0400406	PU flexible foam gun with 2 tapered nozzles	metal	1

Foam Gun - 800 AMP PM - Eco & Standard

Product information

Adjustable gun for screw top PU foam cans.



Eco foam gun



Standard foam gun

Product code	Description	Material	Packaging unit
800AMPPMECO	PU foam gun - Eco	metal	1
800AMPPMSTANDARD	PU foam gun - Standard	metal	1

Foam Gun - 800 AMP PM - Prestige & Ultra

Product information

Adjustable gun for screw top PU foam cans.



Prestige foam gun



Ultra foam gun

Product code	Description	Material	Packaging unit
800AMPPMPRESTIGE	PU foam gun - Prestige	metal	1
800AMPPMULTRAM	PU foam gun - Ultra	metal	1

Caulking Gun - 800 AMWM PR - Eco & Standard

Product information

For standard 310ml cartridges.



Eco silicone gun



Standard silicone gun

Product code	Description	Material	Packaging unit
800AMWMPRECO	Silicone gun - Eco	metal	1
800AMWPLRSTAND	Silicone gun - Standard	metal	1

Caulking Gun - 800 AMW P - Prestige

Product information

For standard 310ml cartridges.



Product code	Description	Material	Packaging unit
800AMWMPPRESTIGE	Silicone gun - Prestige	metal	1

Foldable Ruler

Product information

2m folding timber ruler



Product code	Description	Material	Length (m)	Packaging unit
6601018405	Foldable ruler	timber	2	1

STROXX Window Installation Bag

Product information

4 piece window installation bag containing inflatable air cushions with a capacity of 135kg. Easily align heavy objects with millimeter precision and bring them into the optimal position. Suitable for joints from 2-50mm, the pads are non-slip and the hand pump with valve enables easy operation.



Product code	Description	Weight (kg)	Packaging unit
0009035152	Fixing pads - 4 pieces	135	1

Forum Glazing Hammer

Product information

Plastic hammer with exchangeable yellow CA inserts, galvanised cast iron middle section, and polished timber handle. For gentle hitting without damaging the workpieces.



Product code	Description	Size (mm)	Packaging unit
6601011887	Glazing hammer	22	1
6601011890	Glazing hammer	27	1
6601011893	Glazing hammer	32	1

greenteQ Glazing Shovel

Product information

Used for securing of insulating glass panes in window casements, facilitates the installation of glazing blocks.



Product code	Description	Colour	Material	Packaging unit
GTGBGS01	Glazing shovel	green	plastic	1

Fugen Meister Radius Joint Spatula Set

Product information

Spreader for defined bevels and efficient smoothing on movement joints, connections joints and corner joints. Consists of radius of 4mm & 6mm, 8mm & 10mm, and 12mm & 14mm.



Product code	Description	Packaging unit
6601024133	Spatula joint pack - 3 piece	1

Fugen Meister Angle Joint Spatula Set

Product information

Spreader for defined bevels and efficient smoothing on movement joints, connections joints and corner joints. Consists of angles measuring 5mm & 6mm, 8mm & 10mm, and & 90°, and a radius of 3mm.



Product code	Description	Packaging unit
6601024136	Spatula joint pack - 3 piece	1

greenteQ Scraper

Product information

Angled tips and bevels for various silicone joints.



Product code	Description	Colour	Material	Packaging unit
GTSCR01	Silicon scraper	white	plastic	1

Ramsauer Rapid Cutter

Product information

Light weight cutter designed for opening sealant cartridges and cutting nozzles.

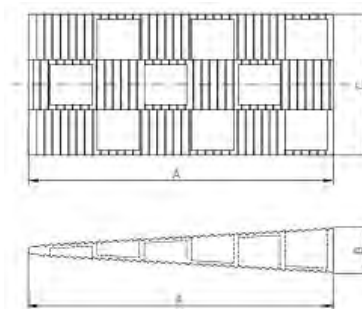
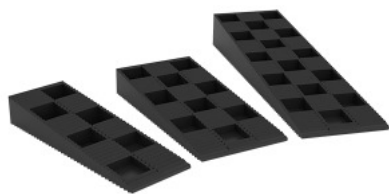


Product code	Description	Packaging unit
9400200	Rapid cutter	1

Fixing Wedges

Product information

Plastic wedges for adjustment and installation of windows and doors.



Product code	Description	Material	Packaging unit
72714290000	Fixing wedge - small	plastic	500
72720450000	Fixing wedge - large	plastic	200

KONIG Hard Wax Repair Kit

Product information

Repair kit for uPVC windows and laminate floors.



Contents

- x10 Hardwax PLUS, 8cm, Series Renolit Woodgrain
- x10 Hardwax PLUS, 8cm, Series Renolit Unidekore
- x1 Filler Planer, yellow
- x1 Brush-Fix Clearcoat, silk gloss
- x1 Brush-Fix Clearcoat, semi-gloss
- x1 melting device
- x1 Nonwoven abrasive coarse, approx. 10 x 6 cm
- x1 sanding fleece, fine, 55 x 75 mm

Product code	Description	Packaging unit
0306690	uPVC repair kit	1

blaugelb U Packers

Product information

Spacer mounting clips used for leveling, exact alignment, and lining in window and door construction as well as in the interior and plastering of ceilings, walls, and floor structures.

Product advantages

- fast compensation with millimeter precision, quick assembly
- universal use, for leveling, straightening and underlaying
- anti-slip protection with fixing hook
- non-positive direct load suspension
- made of high-quality polypropylene, high resistance to other chemical products



Product code	Description	Size (mm)	Width (mm)	Packaging unit
0416220	U packer	40 x 30	1	500
0416223	U packer	40 x 30	3	500
0416225	U packer	40 x 30	5	500
0416227	U packer	40 x 30	8	500
0416229	U packer	60 x 45	1	500
0416231	U packer	60 x 45	3	500
0416234	U packer	60 x 45	5	500
0416238	U packer	60 x 45	8	250

KONIG Touch-up Pens

Product information

Coloured touch-up pens for uPVC window profiles. (Top coat pen for colouring miter grooves on foil-laminated uPVC window profiles and doors. Recommended for indoor and outdoor use. Acrylic topcoat applies easily and touch dry in 5-10 mins, with 24 hrs curing.)



Product code	Description	Colour	Packaging unit
243546005018-164	Coloured touch up pen	turner oak	1
243556005118-164	Coloured touch up pen	sheffield oak	1
243546017117	Coloured touch up pen	jet black	1
243546070509	Coloured touch up pen	black/brown	1
243546070709	Coloured touch up pen	anthracite plus	1
243546075412-234	Coloured touch up pen	9016 white	1
243546093494-234	Coloured touch up pen	anthracite grey	1
243546111707-234	Coloured touch up pen	signal grey	1
243546147907-164	Coloured touch up pen	ceylon	1
243546157110-234	Coloured touch up pen	walnut	1
243546177210-234	Coloured touch up pen	dark oak	1
243546182710-234	Coloured touch up pen	golden oak	1

Cosmofen Service Kit

Product information

Convenient kits for cleaning, care, protection and servicing of window and door profiles, and seals and mechanisms.



Cleaning & Care SERVICE SETS for windows and doors

KIT CONTAINS:

Cleansing Milk

Abrasive, solvent-free intensive cleanser for anodized aluminium windows, doors and roller shutters as well as for polyurethane windows and for all white PVC windows and roller shutters.

Gasket Care

For maintenance and servicing of the gaskets. Sustains the softness and prevents gaskets sticking on the profile in summer and freezing on the profile in winter.

Fitting Oil

For maintenance and servicing of the fittings and hinges. Sustains the required gliding properties of the moving parts, thus prevents the metals from grinding dry in combination with corroding/digging in. Also provides additional rust protection.

Cleaning Cloth

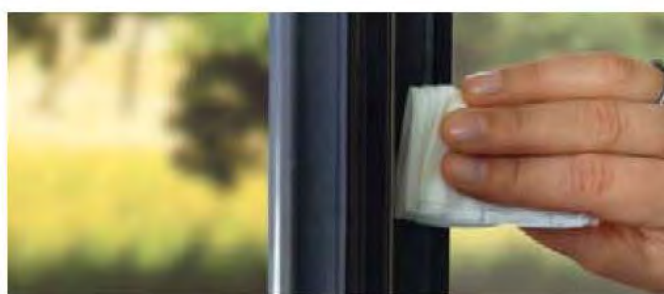
One cleaning cloth is included in the kit.



Maintenance of the fittings



Cleaning of surfaces



Maintenance of the gaskets

Product Code - W496010 (white) / W498004 (colour) - Technical Data

BASIS	2-component polymerisation resin on acrylic basis	
COLOUR	of hardened up film	white approx. RAL9016
FILM PROPERTY	of hardened up film	(similar to PVC-hard) hard impact resistance
MIXING RATIO	powder : paste in parts by weight	= 13:6g
VISCOSITY	at +20°C, immediately after the mixing	thixotrope
APPLICATION TIME	of the mini-set at +20°C (the application time is half as short at +30°C and twice as high at +10°C)	approx. 5 min
GRINDING RESISTANCE	at +20°C	after approx. 25 min
FINAL SETTING TIME	at +20°C, 50% rel. air humidity at ~90% Until functional hardness has been reached	approx. 120 min approx. 1d
MINIMUM TEMPERATURE FOR APPLICATION		from +5°C

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