

PRODUCT DATA SHEET

EVERBUILD® PLUMBERS GOLD®

ALL PURPOSE ADHESIVE AND SEALANT FOR THE PLUMBING PROFESSIONAL

PRODUCT DESCRIPTION

Specially formulated for the plumbing professional, EVERBUILD® PLUMBERS GOLD® is a new type of sealant and adhesive based on STP polymer technology that offers outstanding adhesion to sanitary, bathroom, wetroom, kitchen and plumbing materials such as hard plastics, acrylics, fiberglass, ceramics, glass, marble, granite, aluminum, mirrors, metals etc. EVERBUILD® PLUMBERS GOLD® can be applied to wet surfaces, will even work underwater, and contains Mould Shield®, proven to protect against black mould on the sealant for 5 years.

Full independent test reports for 5 year (accelerated ageing) anti-fungal resistance are available on request.

USES

Sealing and bonding in almost every plumbing application imaginable. The following are just some examples.

- Sealing soil and vent pipes.
- Sealing and bonding waste pipes.
- Sealing and bonding WC pans.
- Setting waste traps and grates into sinks, showers, baths, etc.
- All conventional sealing around baths, showers, sinks, tiled areas, etc.
- As an adhesive to bond shower frames, mirrors and ceramic ware to walls, including tiled surfaces.

- As a thread seal.
- Sealing and bedding extractor fans.
- Permanently fixing small leaks.
- Sealing and bonding around tap bases.
- Bonding shower trays to floors and walls.
- As a mirror adhesive.

CHARACTERISTICS / ADVANTAGES

- Excellent primerless adhesion to most common bathroom substrates including metals, plastics such as polyester, perspex, glass, concrete, plaster, plasterboard, wood, enamel, painted surfaces, etc.
- High bonding strength, yet flexible enough to cope with common sealing applications.
- Interior and exterior use.
- Can be applied to wet surfaces and underwater!
- Waterproof & weatherproof.
- Powerful anti-fungal action prevents mould growth on sealant – tested for 5 years (accelerated ageing)!
- Permanently flexible - 20% movement accommodation.
- Resistant to chemicals & petrol (10% dilute acids/alkalis, most solvents).
- Excellent primerless adhesion to most surfaces.
- Certified to EN15651 Façade for interior, exterior and cold climate applications and for sanitary applications.

PRODUCT INFORMATION

Packaging	290ml cartridge
Colour	Available in white and clear
Shelf Life	12 months from date of manufacture.
Storage Conditions	Store in cool dry conditions between + 5°C and 25°C.
Density	White: 1.45 ± 0.05 g/cm ³ Clear: 1.05 ± 0.05 g/cm ³

TECHNICAL INFORMATION

Shore A Hardness	White: 50 ± 5 (ISO 868) Clear: 40 ± 5 (ISO 868)
Tensile Strength	> 0.8MPa (ISO 8339)
Secant Tensile Modulus	White: >0.45 MPa (ISO 8339) Clear: <0.45 MPa (ISO 8339)
Elongation at Break	> 150 % (ISO 8339)
Movement Capability	± 20% Certified under EN15651-1:2012
Service Temperature	-40°C to +100 °C White -40°C to +70 °C Clear

APPLICATION INFORMATION

Consumption	Approximately 10.5 linear metres per cartridge
Sag Flow	<3mm (ISO 7390)
Ambient Air Temperature	5°C to 35 °C
Curing Rate	1-2 mm/24 h
Skin Time	15-35min at 23 °C and 50 % RH

APPLICATION INSTRUCTIONS

Cut the tip of the cartridge taking care not to damage the thread. Fix nozzle, cut aperture to required width and apply with a standard sealant gun.

As an adhesive

- Surfaces must be clean and free from dust, grease, loose material, etc.
- Priming is not normally necessary, however, prime dusty surfaces with EVERBUILD® PVA BOND diluted 1:4 with water and allow to dry.
- Apply using a standard sealant gun, cut tip of cartridge, apply nozzle and cut an opening to suit the required bead size.
- For bonding heavy items (plasterboard/worktops/wall panels etc) apply adhesive all the way around the edge of the item (30-50mm from edge) and cover back with beads of adhesive at 300mm intervals. Alternatively, apply adhesive direct to battens and press into place.
- NOTE: *With heavy items, always provide temporary support until the adhesive dries.*
- For bonding lightweight items apply adhesive to back of item in one or two continuous beads and press immediately into place.
- Where gap filling is required, mark the areas where there is a large gap and apply a thicker bead to these areas.
- In all cases, clean up excess adhesive immediately with a cloth/white spirits

As a sealant

The recommended joint ratios are twice width of depth. If necessary reduce joint depth using Everflex® Expanding Foam, or Joint backer rod. Furthermore, ensure that the joint design only permits adhesion to two surfaces, as three-sided adhesion will impair flexibility. Where the sealant is used in a joint configuration,

masking tape should be used to prevent contamination of adjacent substrates, and ensure a neat sealing line. Masking tape should be removed immediately after tooling. The joint should be tooled within 15 minutes of application to ensure good contact between the sealant and the substrate. Tooling of the sealant also gives a smooth, professional finish.

Fixing mirrors

Apply 6mm diameter beads of sealant direct to back of mirror in vertical strips, spaced at 30-40mm centers. Immediately place mirror in position and secure with good, even pressure with a slight twist action. Provide temporary support (tape) until adhesive has dried (24-48 hours). If required, EVERBUILD® PLUMBERS GOLD® may also be used to seal around mirror 24 hours after fixing (to allow for cure)

CLEANING OF TOOLS

Uncured material can be removed by wiping with a dampened cloth with white spirit. Cured material can be carefully removed by mechanical means.

LIMITATIONS

- Not suitable for use with drinking or potable water.
- Use on overhead applications – Always use in conjunction with mechanical fixings.
- Use in conjunction with mechanical fixings for glass block fitting or large mirrors (>0.5m² total area)
- For heavy items, provide temporary support until adhesive has dried.
- Do not seal mirror edges/plastic sheeting until adhesive has cured.
- In areas of high UV; some darkening/discoloration may occur. This does not affect the performance of the sealant.

- Adhesion to various plastics may vary – carry out adhesion tests prior to full scale application.
- It is the user's responsibility to determine suitability for use. Adhesion trials recommended before large scale.
- Do not use on surfaces that bleed oils or plasticizers.
- Not for use as part of a structural glazing system.
- Not for use in aquarium manufacture. Use AQUA MATE®.
- Not for use in conjunction with bitumen, or asphalt. Use WEATHER MATE®.
- Do not use in conjunction with undiluted bleach, this can cause discoloration of product.
- Yellowing can occur in the dark.

VALUE BASE

All technical data stated in this Data Sheet are based on laboratory tests. Actual measured data may vary due to circumstances beyond our control.

LOCAL RESTRICTIONS

Note that as a result of specific local regulations the declared data and recommended uses for this product may vary from country to country. Consult the local Product Data Sheet for the exact product data and uses.

ECOLOGY, HEALTH AND SAFETY

For information and advice on the safe handling, storage and disposal of chemical products, users shall refer to the most recent Safety Data Sheet (SDS) containing physical, ecological, toxicological and other safety-related data.

LEGAL NOTES

The information, and, in particular, the recommendations relating to the application and end-use of Sika products, are given in good faith based on Sika's current knowledge and experience of the products when properly stored, handled and applied under normal conditions in accordance with Sika's recommendations. In practice, the differences in materials, substrates and actual site conditions are such that no warranty in respect of merchantability or of fitness for a particular purpose, nor any liability arising out of any legal relationship whatsoever, can be inferred either from this information, or from any written recommendations, or from any other advice offered. The user of the product must test the product's suitability for the intended application and purpose. Sika reserves the right to change the properties of its products. The proprietary rights of third parties must be observed. All orders are accepted subject to our current terms of sale and delivery. Users must always refer to the most recent issue of the local Product Data Sheet for the product concerned, copies of which will be supplied on request.

EVERBUILD BUILDING PRODUCTS LTD

Site 41, Knowsthorpe Way
Cross Green Industrial Estate
Leeds, LS9 0SW
Tel: 0113 240 3456
Web: www.everbuild.co.uk
Twitter: @everbuild

SIKA LIMITED

Watchmead
Welwyn Garden City
Hertfordshire, AL7 1BQ
Tel: 01707 394444
Web: www.sika.co.uk
Twitter: @SikaLimited

SIKA IRELAND LIMITED

Ballymun Industrial Estate
Ballymun
Dublin 11, Ireland
Tel: +353 1 862 0709
Web: www.sika.ie
Twitter: @SikaIreland



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