

EVERBUILD PLUMBERS GOLD



Colour	Product Code	Pack Size	Box Qty
White	PLUMBGWE	290ml	12
Clear	PLUMBEGCL	290ml	12

Product Description

Specially formulated for the plumbing professional, PLUMBERS GOLD is a new type of sealant and adhesive based on STPA* polymer technology that offers outstanding adhesion to all sanitary, bathroom, wetroom, kitchen and plumbing materials such as hard plastics, acrylics, fiberglass, ceramics, glass, marble, granite, aluminum, mirrors, metals etc.

PLUMBERS GOLD can be applied to wet surfaces, will even work underwater, and contains Microban,** the world's leading branded anti-bacterial solution integrated into the manufacturing process, preventing black mould, bacterial growth and discolorations for 10 years.

NO MOULD 10 YEAR GUARANTEE

If PLUMBERS GOLD discolours or stains due to mould growth within 10 years of application simply return pack or receipt of purchase to Everbuild and we will refund your purchase and postage costs.

* **CAUTION:** This guarantee is only valid providing regular cleaning has been carried out, Microban helps prevent the growth of mould, mildew and bacteria that can stain and degrade silicone, however it is not a substitute for regular cleaning as excessive deposits of soap can cause secondary mould growth.

Nothing in this statement does or will affect your statutory rights.

Full independent test reports for 10 year anti fungal and anti- bacterial resistance are appended to this data

Benefits

- Excellent primerless adhesion to most common bathroom substrates including metals, most plastics, glass, concrete, plaster, plasterboard, polyester, Perspex, glass, wood, enamel, painted surfaces etc 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!
- Totally Waterproof & Weatherproof
- Overpaintable if required
- Powerful anti fungal and antibacterial agents prevent mould and bacterial growth – guaranteed for 10 years!
- Solvent Free
- Resistant to temperature extremes -40°C to +150°C
- Non staining on sensitive materials, marble / granite
- Permanently Flexible - 20% movement accommodation.

- Resistant to Chemicals & Petrol (10% dilute acids/alkalis, most solvents)
- Excellent primer less adhesion to most surfaces,

Areas for Use

- 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.
- Sealing and bonding in areas subject to continuous water immersion.
- Permanently fixing small leaks.
- Sealing and bonding around tap bases.
- Bonding shower trays to floors and walls.
- As a mirror adhesive

Limitations

- Not suitable for use with drinking or potable water (product contains fungicide)
- 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
- NOTE: clear product dries translucent due to presence of fungicide
- 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
- Overpaintability: check compatibility with specific paint first before over painting large areas.
- 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
- As quality of natural stone does vary, preliminary adhesion/staining tests must be carried out prior to full scale application.
- Do not use in conjunction with undiluted bleach, this can cause can discoloration of product.

Specific Data

Consistency	Pasty, unfilled, solvent free sealant
Colours	Available in white and translucent
Density	1.05 ± 0.05
Application temperature	5 to 35 °C
Skin formation at 23 °C and 50 % RH	30 ± 10 min
Tack free	24 hrs
Sagging (ISO 7390)	Nil
Curing at 23 °C and 50 % RH	2 mm/24 h
Shore A hardness (ISO 868 – 3 seconds)	35-45
Modulus at 100 % elongation (ISO 8339)	0.7 MPa
Elongation at break (ISO 8339)	> 200 %
Tensile strength (ISO 8339)	> 1.5 MPa
Shrinkage (ISO 10563)	< 2 %
Resistance to UV radiation	Excellent
Compatibility with paints	Water based: yes (test compatibility) Solvent based : no (with alkyd paints)
Temperature resistance	-40 to + 150 °C
Movement accommodation	± 20%
Coverage	Approximately 11 linear meters per cartridge

Application

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 sound, 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

Reference should be made to the recommended joint ratios. 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 5 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, Plumbers gold may also be used to seal around mirror 24 hours after fixing (to allow for cure)

Cleaning:

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

Health & Safety

Consult MSDS for full list of hazards.

Storage

Store in cool dry conditions between + 5°C and 25°C.

Shelf Life

12 months from date of manufacture.

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