

PRODUCT DATA SHEET

EVERBUILD® Mirror Mate®

MS polymer adhesive specially formulated for bonding mirrors

PRODUCT DESCRIPTION

EVERBUILD® Mirror Mate® is a one component solvent free adhesive based on MS Polymer technology that is specially formulated for bonding mirrors to most common surfaces. The totally neutral curing system will not attack the mirror backing.

USES

- Bonding mirrors to most common substrates.
- Jointing cladding panels.
- As a high quality nail replacement adhesive, even to damp surfaces.
- Bonding difficult materials such as metals and fibreglass.
- Any application requiring high performance, durable bonding of joints.
- Applications where resistance to chemical spillage is required.

CHARACTERISTICS / ADVANTAGES

- Neutral cure adhesive system – will not attack mirror backings
- Will stick to damp surfaces.
- Excellent primerless adhesion to most surfaces, including metals, most plastics, concrete, plaster, plasterboard, polyester, Perspex, glass, wood, enamel, painted surfaces etc.
- Overpaintable with most water and gloss based paints.
- Fast curing – tack free in 10 minutes and fully cured in 24-48 hours.
- Excellent chemical resistance.
- Many other uses – see below.

Application Temp Resistance +5 to +30°C

Overpaintability Overpaintable

PRODUCT INFORMATION

Packaging	290ml
Colour	White
Shelf Life	12 months in original unopened containers.
Storage Conditions	Store in cool dry conditions between + 5°C and 25°C
Density	1.49 g/cm ³

TECHNICAL INFORMATION

Shore A Hardness	50-60
Elongation at Break	>60%
Service Temperature	-40 to +100°C

APPLICATION INFORMATION

Consumption	10 linear metres per tube (approx)
Curing Rate	1mm per 24 hours
Skin Time	10 mins @ 20°C

APPLICATION INSTRUCTIONS

SUBSTRATE PREPARATION

All surfaces must be clean and dust free. Surfaces may be damp, but have no standing water.

APPLICATION METHOD / TOOLS

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.

Fixing mirrors

Apply 6mm diameter beads of adhesive 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® Mirror Mate® may also be used to seal around mirror 24 hours after fixing.

As a nail replacement (panel) adhesive

Surfaces must be sound, clean, dry and free from dust, grease, loose material etc. 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 suite 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 (covings, dado rails, skirting etc) 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 damp cloth.

CLEANING OF TOOLS

Uncured adhesive: white spirit

Cured adhesive: Mechanically

LIMITATIONS

- When fixing mirrors, always provide temporary support until the adhesive has dried (24 hours).
- EVERBUILD BONDING PRODUCTS are not suitable for large mirrors – Always use in conjunction with mechanical fixings.
- Do not use where joints are constantly immersed in water, or as part of a structural glazing system.
- Not for use in aquarium manufacture. Use AQUA

- Not for use in conjunction with bitumen, or asphalt. Use WEATHER MATE
- Prime when using on highly porous surfaces such as new concrete or stonework.
- Not for use on substrates that may bleed oils, solvent or plasticisers.
- Do not use on polyethylene safety backed mirrors, polypropylene or Teflon.
- 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 exact product data and uses.

ECOLOGY, HEALTH AND SAFETY

Consult MSDS for full list of hazards.

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.

