

Geocel®

TRADE MATE MIRROR ADHESIVE

SILICONE SEALANT FOR FIXING MIRRORS, COATED GLASS & METAL PANELS

Geocel® Trade Mate Mirror Adhesive is a one-part silicone sealant for internal fixation of mirrors, coated glass or metal panels onto various substrates.

- Non-corrosive, odourless, ready to use gun grade sealant which reacts with air moisture
- Excellent unprimed adhesion on most glasses, metals and mirror coatings
- Outstanding resistance to heat and humidity
- Resistant to ozone, ultra-violet radiation and temperature extremes



TECHNICAL DATA

Cure System	Neutral
Storage Life	When stored in cool, dry conditions below 30°C, this product has a usable life of 12 months from date of manufacture in the original unopened 310ml cartridges.
Colour	White
Service Temperature	-50°C to 100°C
Specific Gravity	1.43
Working Time	29 minutes
Hardness	38 Shore A

Specification writers: These values are not intended for use in preparing specifications. Please contact your local **Geocel® Sales Representative** prior to writing specifications on this product.

SURFACE PREPARATION

Ensure that surfaces to be sealed are clean, dry, sound and free from grease, dust and other contaminants, which could impair adhesion. Surfaces can be cleaned and degreased by wiping with a suitable solvent on a clean oil and lint-free cloth before application of sealant. Check to ensure that the mirror has been evenly coated, is protected by lacquer and is free of scratches.

Note: When using any solvent, always provide adequate ventilation. Avoid heat, sparks and open flames. Use solvent resistant gloves. Observe and follow all precautions listed on solvent container label.

PRIMING

For specific advice on priming please contact **Geocel® Technical Service**.

APPLICATION

The sealant is ready to use. Apply 10mm wide strips vertically on the back of the mirror in 100mm intervals. Then press the mirror onto the surface, preserving a constant bead thickness of 2mm for optimum cure and mechanical grab. Support the mirror for a minimum of 24 hours using adhesive tapes. This will ensure good contact and a minimum of displacement. Air should be allowed to circulate freely around the edges of the mirror thereby allowing the sealant to cure.

CLEANING

Excess sealant may be cleaned off tools and non-porous surfaces whilst in an uncured state using **Dow Corning® R40 Universal Cleaner**. If sealant is misapplied to porous substrates, it should be left until just cured, and then removed by peeling, cutting or other mechanical means. Care should be taken not to damage plastic or coated surfaces.

PACKAGING

Geocel® Trade Mate Mirror Adhesive is available in 310ml cartridges packed in boxes of 12.

LIMITATIONS

Do not use **Geocel® Trade Mate Mirror Adhesive** on bituminous substrates, substrates based on natural rubber, chloroprene or EPDM or on building materials, which might bleed oils, plasticisers or solvents. Do not use **Geocel® Trade Mate Mirror Adhesive** in a totally confined space because the sealant requires atmospheric moisture to cure. **Geocel® Trade Mate Mirror Adhesive** is not recommended for use in submerged applications or in applications where physical abuse of abrasion is likely to occur.

When used with safety mirrors (single pane mirrors laminated with a plastic film at the back to prevent shattering of the glass when broken), first check adherence of **Geocel® Trade Mate Mirror Adhesive** on the plastic film.

Geocel® Trade Mate Mirror Adhesive is not recommended for structural glazing or insulated glazing applications.

This product is neither tested nor represented as suitable for medical or pharmaceutical uses.

HEALTH AND SAFETY

Health and Safety data sheets available on request.

TECHNICAL SERVICE

For further technical information, advice on suitability for specific applications, or detailed Health and Safety information, contact **Geocel® Technical Service**.

IMPORTANT NOTE Whilst all reasonable care is taken in compiling technical data on the company's products, all recommendations regarding the use of such products are made without guarantee since the conditions of use are beyond the company's control. It is the customer's responsibility to satisfy themselves that each product is fit for the purpose for which they intend to use it.

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