



Never compromise on quality!

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# GLASS-MATE

## Neutral Cure Silicone for Mirrors

### Description

*A low modulus, neutral cure silicone sealant. Suitable for interior fixing of mirrors, coated glass or metal panels.*

A ready to use, one-part silicone sealant which is non-corrosive and odourless. **GLASS-MATE** has excellent unprimed adhesion on most mirror coatings and has outstanding resistance to heat and humidity. It's properties are unaffected by sunlight, ultra-violet radiation and temperature extremes.

Conforms to ISO11600-G-25LM.

### Uses

Bond It **GLASS-MATE** is suitable for internal bonding of mirrors, glazed surfaces, ceramics, enamel, metals, PVCu, polycarbonate and treated or untreated wood, to most common substrates.

### Preparation

Ensure all surfaces are clean, dry and free from grease or any contaminants that may hinder adhesion.

### Application

Apply using a standard sealant gun. Cut tip from cartridge, be careful not to damage the screw thread. Cut the nozzle at an angle of 45° and fix to cartridge. Using a caulking gun apply sealant. Extrude 10mm wide strips of sealant vertically to the back of the mirror, or surface to be bonded, approximately 100 apart. Press the mirror onto the surface being bonded, preserving a constant bead thickness of 3mm for optimum cure. Mechanically support the mirror once in place for at least 48 hours. For large mirrors this product should be used in conjunction with mechanical fixings. Note: this product is not suitable for use as a sole fixing for safety backed mirrors.

### Limitations

This product should not be used in the manufacture of structural glazing. It is also not suitable for aquarium assembly or for jointing in swimming pools or other submerged applications. We do not

recommend that this product be used in food grade applications.

**The safety backing on some mirrors is not suitable for adhesive fixing with silicone. If using mirrors with a safety backing ALWAYS carry out an adhesion test first.**

### Container Size

EU3 plastic cartridge.

### Colours

**GLASS-MATE** is available in translucent only.

### Shelf Life

Maximum 12 months in unopened cartridge.

### Cleaning of Tools

Use white spirit.

### Storage Conditions

Store in cool, dry conditions.

### Disposal of Containers

Do not leave empty containers where residue could be harmful to children, animals or the environment. Remove any containers to a central disposal point in accordance with local regulations.

### Health & Safety

- ◆ Avoid eye contact.
- ◆ Avoid prolonged contact with skin.
- ◆ Thoroughly wash hands with soap and water after use.
- ◆ Keep out of reach of children.
- ◆ See separate material safety data sheet for full handling, use and storage.

## Specification Summary

Skimming Time	Less than 30 minutes
Full Cure	24-48 hours depending on conditions and bead depth
Extensibility	Up to 450% at breaking point
Application Temperature	+5 to + 30°C
Service Temperature	-40 to + 120°C continuous exposure, higher temperatures can be withstood for limited periods
Adhesion	Good to glass, concrete, ceramics, timber, ferrous metals and most building materials

### Container Sizes:

Colour:	Transluscent
Code:	BDMIRT
Size:	EU3
Barcode:	5060021363695

*The data presented in this leaflet are in accordance with the present state of our knowledge, but do not absolve the user from carefully checking all supplies immediately on receipt. We reserve the right to alter product constants within the scope of technical progress or new developments. The recommendations made in this leaflet should be checked by preliminary trials because of conditions during processing over which we have no control, especially where other companies raw materials are also being used. The recommendations do not absolve the user from the obligation of investigating the possibility of infringement of third parties rights and, if necessary clarifying the position. Recommendations for use do not constitute a warranty, either expressed or implied, of the fitness or suitability of the products for a particular purpose..*