

Technical Data Sheet

Description

MirrorMax adhesive is a high performance, one part hybrid moisture curing construction adhesive/sealant recommended for bonding mirrors backed with Mirrabak 960 woven mirror backing.

Pack sizes

300ml cartridge white

Benefits

- isocyanate and solvent free
- no bubble formation when curing
- paintable
- strong adhesion

Compatible substrates

- concrete
- cement sheet
- ceramic
- masonry
- plastics (pretest)
- plasterboard
- ABS
- steel
- aluminium
- timber
- glass

Coverage

Approximate coverage 1.5 square metres of woven backed safety mirrors per 300ml cartridge at the recommended 8mm width adhesive bead.

Limitations

Avoid contact with alcohol and other solvent cleaners during cure phase. Pre-testing is required on marble or other highly porous stone - finish may be affected. Solvent-based coatings may remain tacky. Do not use on bituminous surfaces.

Property data

Specific Gravity - 1.35g / mL @ 25°C
Sag - Nil @ 25°C
Shrinkage - 0%
Cure Rate - 2 mm / day @ 23°C / 50% RH
Full Cure - 7 days
Storage Life - 12 months unopened
Durometer Hardness - Shore A ~ 22
Service Temperature -40°C to 80°C
Modulus of elasticity at 100% - 0.3 MPa
Tensile strength at 100% elongation – 0.5Mpa
Application temperature 5°C - 35°C

Surface preparation

All surfaces must be clean, dry, sound and free of dust, oil, old adhesives or contamination. For best results, porous surfaces should be abraded and the dust vacuumed. A pretest should be undertaken where no prior adhesion data exists.

Product application

Refer to the MirrorMax application guide for full details. Cut tip off cartridge. Cut nozzle to 10mm internal diameter. Screw nozzle onto cartridge. Apply adhesive in a steady, continuous flow.

Warranty

10 year warranty when applied correctly to “Venture Tape- Mirrabak 960”.

Chemical resistance

Resistant to water, salt water, grease, oils, fuels, defrosting liquid, detergents, aliphatic fats, mildew, weak acids and bases (pre-testing required).

Curing

Cure rate: 2 mm / day

Skin time conditions

200 minutes 22°C, 35% relative humidity
100 minutes 27°C, 70% relative humidity

Clean up

Clean up using white spirits.

Safety information

Refer to the product MSDS for full details. This product is not considered to be hazardous according to criteria of NOHSC. Avoid contact with skin and eyes. Store in a dry place below 30°C. Keep out of reach of children.

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