

SIMSEAL

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MIRROR SEAL SILICONE SEALANT



Description

Simseal Mirror Seal sealant is one part neutral curing high-performance neutral-based silicone, particularly suitable for damage-free bonding of mirrors of all types and sizes. Mirror Seal is a high performance neutral cure silicone sealant designed to give superior adhesion and durability in a wide range of glazing, weather-sealing and trade applications. It will bond to form a strong weatherproof seal on mirrors, coated glass or metal panels.

Key performance Properties

- Easy application
- Superior adhesion on most glasses, metals and mirror coatings
- Long life reliability and low maintenance
- Flexibility with storage time and stock usage
- Can be applied in vertical and overhead joints
- Non corrosive

Applications

Simseal Mirror Seal mirrored walls in shops, restaurants, gyms. Bonding of mirrors on plaster, concrete, wood, mirrors on doors or ceramic coverings.

Property	Value
Cure Method	Neutral curing
Specific gravity:	1,02 ± 0,03 gr/cm ³
Tack-free Time	approx. 13 min.
Shelf life	12 months
Sag Flow:	<2 mm
Ultimate Elongation	> 200
Shore A hardness	approx. 20
Tensile Strength (MPa):	> 1,2
Cure Rate, 2.3mm	approx. 18 hours
Temperature Resistance	-50 °C to 150 °C

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Surface Preparation

Clean all surfaces by removing foreign matter and contaminants such as oil, dust, grease, frost, water, surface dirt, old sealants, curing and mould release agents and any protective coating. Porous substrates should be cleaned by grinding, saw cutting or blast cleaning (sand or water). Dust, loose particles, etc., should be blown out of joints with oil free compressed air or vacuum cleaned. Non-porous and plastic surfaces should be cleaned by solvent or mechanical means. Cleaning solvents should not be allowed to air dry or evaporate without being wiped with a clean, dry cloth.

For neat finishing, use masking tape and remove it within the working time. For sealant designs with depth of over 10mm, use approved backing materials.

Application Direction

Cut nozzle at 45° angle to desire bead-width and screw onto nozzle. Clip the end of the sausage and place complete sausage into the barrel of gun, with pierced end located at the top of the nozzle. Screw top of nozzle and housing on barrel of gun. Using the trigger on the gun extrude product from the sausage. To stop product flow, using the thumb, depress the catch plate mechanism located at the very rear of the gun, directly above the trigger. Install back-up or joint bond breaker material as specified.

Apply Mirro Seal Sealant in a continuous operation using positive pressure adequate to properly fill and seal a cavity. Tool Mirror Seal with sufficient pressure to spread the sealant against the back-up material and onto the joint surfaces. A tool with a concave profile is recommended to achieve the correct shape. Tool the sealant within 10 minutes of extrusion before it skins. Allow to dry for one hour before applying water-based paint and 24 hours for oil-based paint. Uncured sealant can be cleaned up with damp cloth.

Packaging

600ml Sausages - Available in cartons of 20
Product packed in Australia

Storage & Shelf Life

The shelf life of Mirro Seal Sealant is 12 months.

Health and Safety

Contains a mixture of CMIT/MIT. May produce an allergic reaction. Causes serious eye irritation. Harmful to aquatic life with long lasting effects. Wear protective gloves/protective clothing/eye protection/face protection/hearing protection. If eye irritation persists: Get medical advice. Safety data sheet available on request. For further health and safety information, consult the latest safety data sheet. **KEEP OUT OF REACH OF CHILDREN.**

Legal Notes

Every endeavour has been made to ensure that the information given herein is true and reliable but it is given only for the guidance of our customers. The company

cannot accept any responsibility for the loss or damage that may result from the use of the information, due to the possibility of variations of processing or working conditions and of workmanship outside our control. Users are advised to confirm suitability of this product by their own tests.

COLOURS



Clear