

Infinity FC MS

Advanced Fast Cure Polymer



Description

Infinity FC MS is a one component, high performance, Fast Cure sealant based on advanced MS Polymer Technology. It is Solvent, Silicone and Isocyanates free and it is Non-staining for natural stones applications. It has an excellent UV, weather and Temperature resistance. It has excellent adhesion over a wide variety of substrates and is paintable with most common industrial paints.

Key performance Properties

- Fast Cure
- Non Staining
- Paintable
- Low VOC
- Primerless Adhesion To Most Surfaces
- Very High Bonding Strength
- Excellent UV Resistance
- Antifungal / Mildew Resistant
- Green Star Rated

Applications

Infinity FC MS is ideal for making permanent elastic seals of high bonding strength. It is specially formulated for elastic construction in Marine, Automotive, and Industrial applications requiring high strength performance. Ideal for bonding of Metal (Stainless Steel, Aluminium, Steel, Copper etc), Inorganics (Concrete, Mortar, Natural Stone, Tile, Glass, Porcelain etc), Natural Materials (Wood, Plywood, leather, Cloth, Paperboard etc), Rubber (Nylon, Synthetic Rubber, Silicone Rubber, EPDM, etc) and Plastics (Nylon, PVC, ABS, Polycarbonate etc). It is also recommended for trafficable joints.

Specifications

Typical product data should not be used as specifications. Product specification sheets are available upon request from Sealants Australasia P/L.

Property	Value
Curing System	Moisture Curing
Density 1.58 g/mL	Black, White, Grey colour
Skin over time	10 minutes
Appearance	Non-Sagging Paste
Tensile Strength (ASTM D412)	1.8 N/mm ²
Elongation at break (ASTM D412)	400%
Shore A Hardness (ASTM C661)	35 – 45
Application Temperature	5°C to 40°C
Service Temperature	-30°C to 100°C
Packaging	600ml Sausage / 290ml Cartridge

Sealants Australasia Pty Ltd

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Application & Surface preparation

- Surfaces must be clean, dry and free of dirt, grease, oil or water.
- Metals should be cleaned with a non-oily solvent.
- For a neat finish, apply masking tape and remove it before sealant has skinned over.
- Tooling time is 10 minutes.
- Uncured sealant can be cleaned up with mineral spirits.
- Use approved backing material for joints over 10mm deep.

Packaging

600ml Sausage / 290ml Cartridges

Storage/Shelf life

- Store in a dry and cool place with temperature below +25°C.
- Use within 9 months from date of production.

Health and safety

- Uncured adhesive/ Sealant causes skin and eyes irritation upon contact.
- Avoid contact with eyes, skin and mouth.
- In case of contact with eyes, flush with water immediately for 15 minutes. If irritation persists, seek medical attention.
- Use in well ventilated areas.

KEEP OUT OF REACH OF CHILDREN.

Limitations

Infinity FC MS Sealant should not be:

- Used for PE, PP, Teflon, Neoprene and bituminous surfaces.
- Used for structural glass glazing applications.

Sealant Volume Calculator

Number of 290ml Cartridges = $\text{Joint Width (mm)} \times \text{Joint depth (mm)} \times \text{Joint length (m)} \times 1.15^* \div 292$

** Please note: 1.15 Allows for 15% wastage. Joints are assumed rectangular*



Available From:

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PLEASE NOTE: Information contained and recommendations made herein apply to SA products alone. Such are based on research and data from other reliable sources and are believed at the time of print to be accurate. It is the purchaser's responsibility before using any product, to verify this data under their own operating conditions to determine if such product is suitable for their purposes.

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