

SELLEYS SOLARFLEX CLEAR

Description

Selleys SolarFlex™ High Performance SMP Sealant Range is more durable than conventional polyurethane sealants, even in harsh weather conditions.

Product Information

Packaging	Size	Colour
Cartridge	300 grams	Clear

Uses

- For sealing, bonding and filling
- Suitable for wet or dry surfaces
- For interior/exterior applications
- Suitable for use on glass, metal, timber, brick, concrete, tiles and most plastics[#]

Technical Features

- Superior Weather & UV resistance
- No primer required
- Long lasting flexibility
- Adhesion to wet surfaces
- Better extrudability (>5°C)
- Better Curing (>5°C)
- Indoor/outdoor
- Paintable
- Mould resistance
- Non-bubbling
- Non-slumping

Technical Details

Property	Typical Result
Technology	Moisture curing silyl-modified polymer (SMP)
Colour	Clear
Density	~1.05 g/mL
Application Temperature	5 to 35°C

Tooling Time (23°C, 50% R.H.)	~25minutes
Skin Time (23°C, 50% R.H.)	45 to 55minutes
Cure Rate (23°C, 50% R.H.)	2.5 to 3mm/24hrs
Slump	0mm
Tensile Strength (DIN 53504)	1 ± 0.1MPa
Shore A Hardness	25 ± 5
Elongation at Break (DIN 53504)	~180%
Modulus at 100% Elongation (DIN 53504)	0.6 ± 0.1MPa
Movement Capability (ISO9046 modified)	± 20%
Service Temperature	0 to 70°C
VOC Content	~35g/L
Indicative data only, not intended for preparation of specifications	

Approvals/Standards

Meets GBCA VOC limits for general purpose and architectural sealants.

Complies with AS/NZS4020: Potable water contact. Cured Sealant at Area to volume ratios up to 2500mm²/L - tested at water temperatures up to 40°C).

Surface Preparation

Ensure surface is clean, dry and free from dust, grease, old or crumbling sealant.

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Directions for Use

Cut tip and attach nozzle. Insert in caulking gun. Cut nozzle to required size. Apply product, ensuring it is forced into the joint, with good contact to surfaces. Tool with a soapy solution before skinning occurs.

Tips

For neater joints, mask sides before applying sealant and remove tape before sealant skins.

Clean Up

- Uncured product may be removed with mineral turps.
- Cured product can be removed by scraping or sanding or with the help of Silicone Remover.

Storage

- Store in cool, dry conditions below 30°C.
- Use within 6 months of opening.

Limitations

- Cannot be painted with solvent based paints. If required, paint with a water-based paint first.
- Not for permanent water immersion or below water-line use.
- #Not for Polyethylene, Polypropylene or Teflon.

Warnings, First Aid and Shipping Information

This information can be located on the product SDS found through our website – www.selleys.com