

SELLEYS SOLARFLEX – WHITE, GREY & BLACK

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	445g	White
Cartridge	445g	Grey
Cartridge	445g	Black
Sausage	600ml	White
Sausage	600ml	Grey

Uses

- For sealing, bonding and filling
- Suitable for wet or dry surfaces
- For interior/exterior applications
- Can be used in overhead joints up to 20mm wide
- 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

Standards

Meets GBCA VOC limits for general purpose and architectural sealants.

Meets ISO11600 requirements for Type F Class 25LM Sealants.

Technical Details

Property	Typical Result
Technology	Moisture curing silyl-modified polymer (SMP)
Colour	White, Grey & Black
Density	1.5 to 1.6 g/mL
Application Temperature	5 to 35°C
Tooling Time (23°C, 50% R.H.)	~30minutes
Skin Time (23°C, 50% R.H.)	>2hours
Cure Rate (23°C, 50% R.H.)	~2.5mm/24hrs
Slump	0mm
Tensile Strength (DIN 53504)	1.0 ± 0.2MPa
Shore A Hardness	22 ± 5
Elongation at Break (ISO8339)	>400%
Modulus at 100% Elongation (ISO8339)	<0.4
Movement Capability (ISO9047)	± 25%LM
Elastic Recovery (ISO7389)	~70%
Service Temperature	0 to 70°C
VOC Content (By theoretical calculations)	46 - 48 g/L
Indicative data only, not intended for preparation of specifications	

SELLEYS SOLARFLEX – WHITE, GREY & BLACK

Surface Preparation

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

Porous surfaces should be prepared by grinding, brushing, wiping with cloths or blowing off with oil-free compressed air. Any laitance should be removed from concrete-based surfaces.

Non-porous surfaces should be free of scale, rust or oxides and can be degreased with a solvent such as acetone or mineral turpentine. Some degreasing solvents may leave a residue that should be removed.

Directions for Use

- Cartridge: Cut tip and attach nozzle. Insert in caulking gun. Cut nozzle to size required for joint.
- Sausage: Cut end and slide into sausage gun. Attach nozzle to gun and cut to the required size.
- Apply with a caulking gun, pushing sealant into joint or gap.
- Smooth off using a spatula dipped in soapy solution, turps or white spirit before the sealant skins up.

Tips

- For neater joints, mask sides before applying sealant and remove tape before sealant skins.
- If painting, paint with two coats of a quality water-based exterior paint after sealant has skinned.

Clean Up

- Clean up with turps before sealant cures.

- Cured sealant can be removed by scraping or sanding or with the help of Selleys Silicone Remover.

Storage

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

Limitations

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

#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