Technical Data Sheet

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Selleys Flexiseal Clear

Description

Selleys Flexiseal Clear is a premium 100% clear, multipurpose elastic joint sealant powered by Selleys advanced polymer technology. It offers excellent adhesion even on wet surfaces, has high UV and weather resistance and can be used indoor and outdoor. It is non-slump and non-sagging in joints up to 20mm in width and forms a strong elastic waterproof* seal that is paintable with water based paints.

Product Information

Packaging	Size	Colour
Cartridge	290 mL	Clear

Uses

- Suitable for common building materials such as concrete, timber, metals, cement sheeting, brick, plaster, ceramic tiles, glass and most other surfaces.
- Ideal for sealing vertical and horizontal expansion joints.

Technical Features

- For expansion joints
- Long lasting flexibility
- Adheres to wet surfaces
- Exterior and interior
- Paintable

Technical Details

Property	Typical Result
Technology	Moisture cure
Colour	Clear
Density	~1.05 g/mL
Skin Time (23°C, 50% RH)	40 minutes
Tack Free Time (23°C, 50% RH) (ASTM C679)	45 to 60 minutes
Cure Rate (23°C, 50% RH)	2.5 - 3.5 mm / 24 hrs
Shore A Hardness (ASTM D2240)	35 ± 5
Tensile Strength (ASTM D412)	1.6 MPa
Elongation at Break (ASTM D412)	240%
Movement Capability (ISO 9047 Method B)	± 12.5%
Modulus at 60% (ISO8339 Method B)	0.6 MPa
Application Temperature	5 to 35°C
Service Temperature	-20 to 70˚C
Indicative data only, not intended for preparation of specifications	

Directions for Use

1. Ensure all surfaces are clean and dry, free of wax, grease, dust, and any other foreign materials. Metal substrates should be degreased first.
2. Cut nozzle at a sharp angle slightly wider than the desired bead or joint width. If being installed as a joint sealant, always use a suitable backing rod to ensure the correct depth is achieved.
3. Extrude sealant with a gun and tool with a round spatula within 10 minutes to spread the sealant against the joint surfaces.
4. Uncured sealant can be removed with mineral turps.

Tips

Paintable with water-based paints after product skins in 45 to 60 minutes. Allow longer times before painting in colder weather. Lightly sand surface before painting with undercoats. Solvent-based paints maybe used after first painting with a water-based paint. Pre-test paint over a small section of sealant before completing job. Sandable when fully cured.

Clean Up

Spills and tools can be cleaned up with mineral turps before product cures. Cured product can only be removed mechanically.

Storage

- Store in cool, dry conditions below 30°C.

Limitations

- *Not suitable for Polyethylene, Polypropylene, PTFE structural glazing, surfaces heated above 70˚C (for instance roofing) or for permanent water immersion.

Warnings, First Aid and Shipping Information

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

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