

PROSIL 41LM

Description

Selleys **Prosil 41LM** is a premium low modulus one part moisture curing, 100% calcium carbonate filled, high performance neutral cure silicone sealant (oxime) designed to give superior adhesion and durability in a wide range of glass sealing, weather sealing, cladding and trade applications. It will bond to form a strong weatherproof seal on most common building materials such as: glass, ceramic, steel, aluminium, brick, concrete and most plastics (prior testing recommended). Weathering and UV resistance is excellent, and its superior physical properties are retained over many years exposure.

Product Information

Packaging	Size	Colour
Sausage	600mL	White
Sausage	600mL	Light Grey
Sausage	600mL	Grey
Sausage	600mL	Dark Grey
Sausage	600mL	Black

Application

Prosil 41LM is ideal in window sealing and cladding applications where a matt finish is required: general purpose window sealing, colonial bars, and structural butt joints. Weather-sealing of high-rise buildings, installation of solar panels. It is also often used in truck and caravan assembly due to its excellent adhesion and high flexibility.

Features

Prosil 41LM has excellent adhesion properties and will adhere to most common building materials including: Glass, aluminium, concrete and plastics, wood, masonry and most powder coated surfaces.

- **10-15 minutes skin time**
- **Matt Colours**
- **Movement capability > + 50%**
- **Superior Adhesion**
- **Low Modulus**

Technical Details

Property	Typical Result
Technology	100% Neutral cure oxime Silicone
Colour	White, Light Grey, Grey, Dark Grey, Black
Density	1.35 g/cm ³
Skin Time	10-15 min
Cure Time 10mm @ 25°C & 50% RH	5-7 days
Tensile Strength ASTM D412	2.5 MPa
Shore A Hardness ASTM D2240	18 Shore A
Elongation at Break ASTM D412	>750%
Movement Capability ASTM C719 ISO 9047	+/- 50%
Service Temperature	-40 to +140°C
VOC Content ASTM D3960	50 g/L
Indicative data only, not intended for preparation of specifications	

SURFACE PREPARATION

All surfaces must be clean, dry, sound, and free from dust, oil, rust, or any other contamination. Metals should be cleaned with a non-oily solvent-soaked clean cloth. Solvent should be wiped from the surface with a clean dry cloth. Use an alcohol

such as methylated spirits on glass. When used on remedial work all existing sealants must be removed

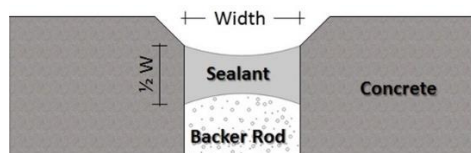
Directions for Use

Cut nozzle at a sharp angle slightly wider than the desired bead. Extrude sealant with a gun and tool with a round spatula within 10 minutes to spread the sealant against the joint surfaces.

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Joint Design

To allow the sealant to move effectively, the correct joint design requires that the sealant depth must be half of the width of the joint. A suitable Backer Rod must be used to ensure that the correct joint depth and width is achieved.



Storage

12 months from date of manufacture if stored below 28°C

Limitations

Prosil 41LM is not recommended for use:

- On submerged joints where porous substrates permit water to the bond interface.
- For certain rubber products where bleeding of plasticiser may occur, check with us if unsure.
- In aquarium construction and structural glazing. (Contact your Selleys representative for recommendations).

Warnings, First Aid and Shipping Information

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