

PRO-TRADE Glass Sealant

Description

Pro-Trade Glass Sealant is a 100% neutral cure silicone with excellent weather and UV resistance and a matt finish.

Product Information

Packaging	Size	Colour
Cartridge	300g	Clear
Cartridge	400g	Black

Uses

Pro-Trade Glass Sealant is suitable for windows and glass, mirrors, splash backs, auto, RV, bus, boat, factory assembly, expansion joints, weather sealing, solar panels. Also suitable for industrial, potable water and automotive sealing applications. Can be used as an adhesive and sealant.

Features

- Ideal for most common building and glazing substrates* including glass, aluminium, non-oily timber, concrete, masonry, most metals and powder coated surfaces
- Weather & UV resistant
- Strong adhesion to glass
- Low slump
- Matt finish
- Will not corrode metals
- Meets GBCA limits for VOC of max 50g/L

*Pretest on substrates is recommended.

Surface Preparation

Surfaces must be clean, dry, and free of dirt, grease, oil or water.

Metal and glass surfaces should be cleaned with general-purpose thinners or mineral turpentine and allowed to dry.

Technical Details

Property	Typical Result
Technology	Neutral (oxime) cure silicone
Colour	Clear, black
Density	1.02 (clear) 1.33 (black)
Application Temperature	Minimum 5°C
Skin Time 25°C / 50% RH	5 – 10 minutes
Cure Rate	10mm in 5–7 days
Slump	No Slump
Tensile Strength	2.0 MPa (clear) 1.3 MPa (black)
Shore A Hardness	28 (clear) 30 (black)
Elongation at Break	400% (clear) >680% (black)
Movement Capability	+/- 25%
Service Temperature	-60 – 180°C (clear) -40 – 140°C (black)
VOC Content SCAQMD Method 304-91	33 g/L (clear) 38 g/L (black)
Indicative data only, not intended for preparation of specifications	

Directions for Use

Cut nozzle at 45° angle to desired bead width and apply to substrate using a sealant gun.

Tooling time is 5-10 minutes.

Tack free time is approx. 1 hour.

Some surfaces may need a primer. If so, allow primer to dry before applying sealant.

Use approved backing material for joints over 10mm deep.

Tips

For a neat appearance use masking tape and remove before sealant has skinned over.

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Clean Up

Uncured sealant can be cleaned up with mineral turpentine.

Storage

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

Standards

BS 5889 approved (clear)

Limitations

- Not suitable for structural glazing
- Not suitable for submerged joints where porous substrates permit water to the bond interface
- Not suitable for aquarium construction
- Should not be applied in contact with bituminous materials or some rubber products as these may contain components which can migrate into the sealant and result in staining or reduced performance.
- Complete painting before applying sealant, as sealant cannot be successfully painted over.

Warnings, First Aid and Shipping Information

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