

PRO-TRADE All Purpose Silicone

Description

Pro-Trade All Purpose is a high quality 100% neutral cure silicone containing fungicide to prevent mould and mildew growth in hot and humid areas. It reacts with atmospheric moisture to produce a form in place silicone rubber seal.

Product Information

Packaging	Size	Colour
Cartridge	300g	Clear

Uses

Pro-Trade All Purpose is suitable as an adhesive and sealant for a range of applications including shower screens, baths, vanities, basins, kitchens and waterproofing.

Features

- Ideal for most common building substrates* including glass, most metals (aluminium, steel etc.), concrete, brick, plasterboard, wood, ceramics, most plastics* and most powder coated surfaces
- Weather & UV resistant
- Mould & mildew resistant
- Highly flexible +/- 25% joint movement
- Meets GBCA limits for VOC of max 50g/L
- Will not corrode metals

*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 cure silicone
Colour	Clear
Density	1.04
Application Temperature	Minimum 5°C
Skin Time 25°C / 50% RH	4 – 8 minutes
Cure Rate	10mm in 5–7 days
Slump JIS A 1439	No Slump (0.1% max)
Tensile Strength JIS K 6249	2.0 MPa
Shore A Hardness ASTM D2240	28
Elongation at Break JIS K 6249	400%
Movement Capability	+/- 25%
Service Temperature	-60 – 170°C
VOC Content SCAQMD Method 304-91	30 g/L
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 5-8 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.

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Tips

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

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

Limitations

- Not suitable for structural glazing
- Not suitable for submerged joints where porous substrates permit water to the bind interface
- Not suitable for aquarium construction
- Not recommended for drinking water tanks.
- 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