



Technical Data Sheet

Wet Area Silicone

DESCRIPTION

A neutral (non acid) curing, one part silicone sealant with mould and fungal resistance.

SIZES AVAILABLE

Wet Area Silicone Sealant comes in white, translucent and Almond Ivory and is available in 300g cartridges. White is also available in 75g blistered tubes.

USES

Ideal sealant for gaps around showers, baths, spas, sinks and plumbing fixtures. Excellent adhesion is achieved on ceramics, glazed tiles, metal, plastic, rubber, glass, concrete and grouts.

TECHNICAL FEATURES

- Superior adhesion*
- Forms a durable seal
- Does not shrink when drying.
- Resistant to growth of unsightly mould and fungus
- Low odour during application
- Non corrosive
- Remains flexible - will not shrink, crack, crumble or dry out.
- Resists moisture, hot cooking oils and steam.
- 25 Year guarantee - When used as directed within 12 months of purchase

* Superior adhesion compared to conventional acid cure silicones which are poor on concrete and cement grouts. The increased adhesion reduces the possibility of fungal growth behind the silicone bead.

HOW TO USE

- All surfaces must be clean, dry and free from dirt dust, oil and loose rust. Clean surfaces with mineral turpentine and wipe dry with a clean rag before applying sealant.
- Cut tip off cartridge and cut nozzle at 45° angle to suitable size opening. Fit nozzle to cartridge. Place cartridge into caulking gun.
- Hold caulking gun at 45° angle and gun sealant ahead of nozzle ensuring product is pushed into joint.
- For a smooth finish, tool with a spatula. Excess sealant must be cleaned up before the sealant skins in 5-10 minutes. Wipe excess away with a cloth dampened in mineral turpentine.
- Sealant will cure fully in 72 hours (based on thickness of 6mm). At this point any unneeded sealant can be removed by trimming with a sharp blade, but avoid under-cutting seal.
- Sealant can be wet after initial cure time of 10 to 12 hours.

CLEAN UP

Clean all excess sealant from equipment before it cures with a cloth dampened with mineral turpentine or acetone.

Once cured sealant is extremely difficult to remove and must be abraded or trimmed with a knife.

HANDY HINTS

- For a cleaner appearance mask both sides of joint prior to sealing. Remove tape before silicone skins.
- For a better finish complete painting prior to use of sealant as it can not be painted over.
- For a smoother finish use a spatula dipped in detergent solution.

TECHNICAL DETAILS

Typical Properties

(Not intended for setting of specifications)

Consistency (as applied): Non-slump, solvent free paste.

Curing Mechanism: Very rapidly develops rubber consistency by reaction with moisture from the air.

Curing Rate: 2mm depth per day.

Skin Forming Time: 5-10 minutes (depending on weather conditions).

Elongation: Approx. 400% (ASTM D412). 21 days cure

Service Temperature: -60oC to +150oC

Joint Movement Capability: ±25% of original joint width when applied in properly designed joint

Properly designed joint refers to the accepted concept of correct sealant dimensions, ie. sealant depth equal to half sealant width and sealant applied over a suitable backing material to which the sealant will not adhere or which does not limit the free movement of the sealant.

LIMITATIONS

- Can't be painted over
- Not suitable for sealing fish tanks
- Not recommended for areas in direct contact with food, eating utensils and drinking water
- Not recommended for below ground or below waterline applications

WARNINGS/FIRST AID

Avoid contact with the skin and eyes when uncured. In case of contact with eyes, flush with water for at least 15 minutes and seek medical attention. Wash exposed skin with detergent and water.

Avoid breathing vapour. Use in a well ventilated area as this product releases Methyl ethyl ketoxime while curing.

SHIPPING/STORAGE/DANGEROUS GOODS INFORMATION

Storage

Store in a cool dry place.

Transport

Not restricted.



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