



Technical Data Sheet

Updated
24/04/2019

Silicone S601

DESCRIPTION

Silicone S601 is a professional grade neutral curing silicone sealant that is mould and fungus resistant. It is suitable for areas exposed to high humidity such as bathrooms, kitchens, laundries. It has excellent adhesion and provides a watertight, durable seal.

SIZES AVAILABLE

Silicone S601 is available in 300g gross cartridges and comes in clear, white, black & grey colour.

USES

Ideal for use on or around showers, sinks, baths and spas, and plumbing fixtures. It will stick to materials such as ceramics, glazed and porcelain tiles, metal, copper and brass fittings, powder coated metals, plastic laminates, rubber, glass, stainless steel concrete and grouts.

TECHNICAL FEATURES

- Waterproof seal
- Mould and Fungus Resistant
- Highly flexible
- UV resistant

HOW TO USE DIRECTIONS

- 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.

HANDY HINTS

- Each cartridge covers approx 15 lineal meters/5mm bead.

TECHNICAL DETAILS	
Consistency	Clear, White, Black, Grey Paste
Curing Mechanism:	Moisture cure
Curing Rate:	2mm depth per day
Skin Time:	5 -10 minutes (depending on weather conditions)
Tack free time: @ 23°C	25 minutes (depending on weather conditions)
Service Temperature:	-60°C to +150°C
Joint Movement Capability:	±25% of original joint width when applied in properly designed joint*
Elongation	300%
Slump (23°C)	<1mm
Shore A Hardness	15-30
Tensile Strength	0.8MPa
VOC**	54g/L Meets Green Building Council of Australia VOC limit for architectural sealants

*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.

**VOC Calculation Methodology

The TVOC value stated has been determined using USEPA Reference Method 24, as stated in The South Coast Air Quality Management District Rule 1168.

Reference

Green Building Council of Australia Technical Manual IEQ-13 (V3 2008) for Adhesives & Sealants.

CLEAN UP

Clean all excess wet adhesive/sealant from equipment with mineral turpentine. Cured adhesive/sealant is extremely difficult to remove and must be abraded or trimmed with a knife.



Technical Data Sheet

Silicone S601

Updated
24/04/2019

LIMITATIONS

- Cannot be painted over
Not suitable for aquariums or drinking products, Zinc or metals containing copper.
- Not recommended for use in below waterline applications, glass aquariums excepted

WARNINGS/FIRST AID & SHIPPING INFORMATION:

Refer to the **MSDS** section located on the Selleys Website.