

PASCO

STONESIL

100% Neutral Cure Stone Safe Silicone Sealant

Features

- ▶ Stone Safe
- ▶ No Migratory Staining
- ▶ Sanitary Grade
- ▶ 100% Silicone
- ▶ UV Stable
- ▶ Neutral Cure
- ▶ Resist Mould/Mildew
- ▶ Flexible $\pm 25\%$
- ▶ Long Term Durability
- ▶ Easy to Apply
- ▶ Non-Bleed
- ▶ Available in Colours

www.pasco.net.au

Product Description

Pasco Stonesil is a premium grade non-bleed neutral cure silicone formulated to be used safely on sensitive natural stone such as: marble, granite, bluestone and other natural porous substrates. Pasco Stonesil cures to a tough, flexible waterproof seal with the added advantage of resisting mould/mildew and with the risk of migratory staining.

Features & Benefits

- Non-bleed
- Stone safe
- Neutral cure
- Mould/mildew resistant
- Highly flexible $\pm 20\%$
- Excellent weathering
- Superior adhesion
- No migratory staining
- Excellent chemical resistance
- 100% Silicone
- Low odour
- Non-slumping
- Easy to apply
- Easy to tool
- Available in colours
- Low VOC

Uses

- Sealing of sensitive natural stone substrates such as: marble, granite, limestone, sandstone, travertine and other natural stone.
- Natural stone in wet areas (showers, bath tubs, basins, sinks)
- Sealing joints in kitchens and laundries
- Sealing joints in stone facades between stone construction elements such as windows and door sills.
- Sealing of movement joints in walls and floors.

Provides excellent adhesion to:

- Marble
- Granite
- Travertine
- Natural Stone
- Steel
- Concrete
- Splashbacks
- Aluminium
- Limestone
- Sandstone
- Glass
- Stainless steel
- Painted and powder coated surfaces
- Reconstituted stone
- Common building materials
- 10 minute skin time

Application Instructions

Substrate Preparation

All surfaces must be clean, dry, sound and free from dust, oil, rust, old sealant or any other contamination.

It is recommended that glass, metal and natural stone surfaces should be wiped clean with **Pasco Wipe'N'Caulk IPA** wipes. Solvent should be wiped from the surface with a clean dry cloth.





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Joint Design

Open cell polyethylene backing rod should be used to control the depth of the joint sealant application to the recommended thickness. Correct joint design is necessary to ensure sealants do not split or tear. The size of the open cell backing rod used shall allow for 25% compression when inserted into the joint.

The sealant should only be fixed to two sides, three sided adhesion can be avoided by using polyethelene tape if there is not enough room for a backing rod.

Joint Width	Joint Depth
6mm to 10mm	Equal to joint width
10mm to 20mm	10mm
20mm to 25mm	Half of joint width

Coverage

Meters per 300ml cartridge (approx.)

Joint Depth	Joint Width (mm)							
	6	8	10	12	15	20	25	
6mm	8.3	6.3	5	4.1	3.3	2.5	2	
8mm	-	4.6	3.7	3.1	2.5	1.8	1.5	
10mm	-	-	3	2.5	2	1.5	1.2	
12mm	-	-	-	2.1	1.6	1.2	1	

Application

Stonesil sealant shall be installed using conventional caulking tools, materials and methods.

1. Cut tip off cartridge.
2. Cut nozzle to the desired bead size at 45° angle.
3. Apply sealant into joint ensuring wetting of both sides.
4. Ensure that the sealant is not spread beyond the joint area as it may be difficult to clean as some stones (such as bluestone & basalt) may be susceptible to surface staining.
5. Dry tool sealant immediately.
6. Lightly spray applied sealant with water for a smooth finish.
7. Remove excess sealant immediately with **Pasco Wipe 'N'Caulk IPA** wipes.

Precautions

- Not to be used as a structural glazing sealant.
- Not paintable.
- Not suitable for rubber or vinyl products where bleeding of plasticiser may occur causing discolouration of sealant.
- Not to be used for aquariums.
- Not to be used for polycarbonate plastic sheeting
- Not to be used for joints subjected to permanent water immersion.
- Not to be applied on any substrate containing bitumen.
- No suitable for use as a trafficable sealant.

Packaging

Stonesil is available in 300ml cartridges, 12 cartridges per carton.

Colour

Stonesil is available in the following colours: Snowball, Boston, Buttermilk, Misty Grey, Cement, Storm, Smoke, Cinder and Nero.

Shelf Life

12 months minimum, when stored in cool dry conditions below 28°C.



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Health and Safety

SAFETY: Keep out of reach of children. Read carefully and follow all instructions. Avoid breathing dust, fume, gas, mist, vapours or spray. Wash hands, face and all exposed skin thoroughly after handling. Contaminated work clothing should not be allowed out of the workplace. Avoid release to the environment. Wear protective gloves/protective clothing including eye/face protection.

SPILLS & LEAKS: Clear area of all unprotected personnel. Slippery when spilled. Wear protective equipment. Absorb with sand or soil. Collect and seal in properly labelled drums. Dispose of contents/container in accordance with local, regional, national and international regulations.

FIRST AID: If poisoning occurs, contact a Doctor or Poisons Information Centre (Phone Australia 131 126; New Zealand 0800 764 766). If medical advice is needed, have product container or label at hand.

SWALLOWED: If swallowed, do NOT induce vomiting. Give a glass of water. Seek medical advice. **EYE:** If in eyes, hold eyes open, flood with water for at least 15 minutes and see a doctor.

SKIN: If skin contact occurs, remove contaminated clothing and wash skin thoroughly. If irritation occurs seek medical advice. **INHALED:** Remove from contaminated area. Seek medical advice. Safety Data Sheets must be read and understood prior to using **Stonesil**.

Stonesil Technical Specifications		
Property	Test Method	Result
Elongation @ break	ISO 37	600%
Hardness (Shore A)	ASTM D2240	35 +/- 5
Joint Movement	ISO 11600	± 20%
Elastic recovery	ISO 7389	>70%
Max Tension	ISO 37	1.65 N/mm ²
Cure Method		Neutral
Specific Gravity		1.24 g/ml
Skin Time @ 23°C & 50% RH		8-10 min
Cure Time 2-3mm @ 23°C		24 hours
Operating temperature range		-60°C to +180°C
Application temperature		5C to 35C

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