PASCO

Hypersil 912

100% Neutral Cure Sanitary Grade Silicone Sealant

Features

- Sanitary Grade
- 100% Silicone
- UV Stable
- Neutral Cure
- Resist Mould/
- Flexible ± 25%
- Long Term
- Easy to Apply
- Available in Colours

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Product Description

Pasco **Hypersil 912** is a high performance, UV stable, neutral cure sanitary grade silicone sealant which cures to form a tough and flexible waterproof seal with the added advantage of resisting the growth of mould and mildew.

Features/Benefits

- Neutral cure
- Mould/mildew resistant
- Highly flexible ± 25%
- Excellent weathering
- Long term durability
- Will not corrode metals
- Superior adhesion
- Complies with a 5-Green Star rating of VOC's less than 5% or 50 grams/litre.
- UV Stable
- Excellent chemical resistance
- 100% Silicone
- Low odour
- Non-slumping
- Easy to apply
- Easy to tool
- Available in colours

Uses

- Sealing damp and steamy areas
- Wet areas (showers, bath tubs, basins, sinks)
- Kitchens and laundries
- Stainless steel benches

Provides excellent adhesion to:

- Glass
- Aluminium
- Steel
- Concrete
- Splashbacks
- Porcelain
- Grout
- Stainless steel
- Ceramic tiles
- Painted and powder coated surfaces*
- Natural and reconstituted stone*
- Most plastics*
- Common building materials
- 10 minute skin time

*Test surface area for compatibility (adhesion/staining) prior to application.

Substrate Preparation

All surfaces must be clean, dry, sound and free from dust, oil, rust, old sealant or any other contamination. Glass and metal should be cleaned with methylated spirits. Solvent should be wiped from the surface with a clean dry cloth.

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Joint Design

Open cell polyethylene backing rod shall 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 closed cell backing rod used shall allow for 25% compression when inserted into the joint.

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 (mm)	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

Hypersil 912 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. Dry tool sealant immediately to a smooth finish.
5. Remove excess sealant immediately with cloth and solvent (eg. mineral turpentine)..

Precaution

- Not to be used as a structural glazing sealant.
- Not paintable.
- Not suitable for certain rubber products where bleeding of plasticiser may occur.
- 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.
- Do not use as a trafficable sealant.

Packaging

Hypersil 912 is available in 300ml cartridges, 20 cartridges per carton.

Colour

Hypersil 912 is available in Translucent, White, Off White, Light Ivory, Almond Ivory, Travertine, Caramel, Teak, Brown, Mushroom, Beige Grey, Tile Grey, Chalk, Light Grey, Silverstone, Pewter, Bluestone, Slate Grey, Graphite, Antracite and Black.

Shelf Life

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

Health and Safety

Keep out of reach of children. This product emits Methyl Ethyl Ketoxime (MEKO) whilst curing. Wear suitable protective clothing, gloves and eye/face protection. Uncured sealant may cause skin, eye and respiratory system irritation. Use only in well ventilated areas.

In case of contact with eyes, rinse immediately with plenty of water and contact a Doctor or Poisons Information Centre **(Ph 13 11 26).** In case of skin contact, wash affected area with hand cleaner followed by soap and water. Material Safety Data Sheets must be read and understood prior to using **Hypersil 912.**

PASCO

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Hypersil 912 Technical Specifications		
Property	**Test Method**	**Result**
Elongation		400%
Hardness (Shore A)	ASTM D2240	30
Joint Movement		± 25%
Sag/Slump		Non slump (0.1”)
Tensile Strength KHF/CM2 (MPA)		20 (2.0)
Cure Method		Neutral
Specific Gravity		1.04
Skin Time @ 20°C & 50% RH		8-10 min
Cure Time 10mm @ 25°C		5-7 Days
Operating temperature range		-42°C to +170°C

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