

## Technical Data Sheet

- Sanitary Grade
- 100% Silicone
- Neutral Cure
- Resist Mould/Mildew
- Flexible  $\pm 25\%$
- Long term durability
- Easy to apply
- Chemical Resistant
- Available in colours

Pasco Construction Solutions P/L  
13 – 15 Brighton Street  
Richmond Vic 3121  
Ph: 03 9429 9111  
Fax: 03 9429 6111  
[www.pasco.net.au](http://www.pasco.net.au)

# Hypersil 912

## 100% Neutral Cure Sanitary Grade Silicone Sealant

### Description

Pasco **Hypersil 912** is a high performance 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  $\pm 25\%$
- 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.
- 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

## APPLICATION INSTRUCTIONS

### 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.

# Hypersil 912

## 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 Width (mm)							
		6	8	10	12	15	20	25	
Joint Depth	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 (e.g. mineral turpentine.)

## Precautions

- 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. (**Please use Pasco Hyperclear**)
- 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, Almond Ivory, Grey and Tile Grey.

## 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**.

## 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 KGF/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

*Pasco Construction Solutions Pty Ltd warrants its' products to be free of defects and faulty manufacture and are sold subject to its standard terms and conditions of sale, which are available upon request. All endeavors have been made to ensure the information provided in this technical data sheet is accurate and correct, however as the use of this material is beyond the supplier's control, liability is limited to replacement of material proven faulty. It is the responsibility of the purchaser to ensure that the product is suitable for the specific application and that it is applied in accordance with the suppliers recommendations.*