



# PascoFlex FS

## One-Part Hybrid Polyurethane Fillet Sealant

### Features

- ▶ Isocyanate Free
- ▶ Fillet Sealant
- ▶ ± 25% Movement
- ▶ No Solvent
- ▶ Superior Adhesion
- ▶ Fast Curing
- ▶ Exterior/Interior
- ▶ Easy to Apply
- ▶ One-Part
- ▶ Paintable
- ▶ Low Odour
- ▶ No Wait Time

[www.pasco.net.au](http://www.pasco.net.au)

### Product Description

**Pascoflex FS (Fillet Sealant)** Hybrid is a one part hybrid polyurethane sealant formulated to be used for sealing joints and forming fillets/coving prior to the application of waterbased membranes. The advantage of **Pascoflex FS** Hybrid is that waterbased membranes can be applied immediately after the sealant has been applied.

### Features & Benefits

- Isocyanate free
- Total 50% movement
- Low odour/low VOC
- Excellent adhesion
- No wait time
- Paintable
- Easy to apply
- Polystyrene safe
- Non corrosive

### Uses

#### **Wet area applications such as:**

- Sealing of joints in showers
- Bathrooms
- Niche boxes
- Fillet/coving sealant,
- Expansion joints in bathroom areas

#### **General purpose adhesive/sealant:**

- Bonding shower trays
- Niche boxes etc
- Polystyrene
- Granite, marble, sandstone
- Mirrors
- Suitable for sealing on most metals, aluminium, steel, lead, zinc etc.
- Sealing of external expansion joints in brick and concrete panels.

### Application Instructions

#### Substrate Preparation

All surfaces must be clean, dry, sound and free from dust, oil, rust, old sealant or any other contamination. Avoid contamination of waterproofing, form release and curing agents.

#### Joint Design

Closed 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 30mm	Half of joint width



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## Application

**Pascoflex FS** Hybrid polyurethane sealant shall be installed using conventional caulking tools, materials and methods. Immediately after application, tooling is recommended to ensure firm, full contact of sealant with the inner faces of the joint and backing material. Dry tooling is preferred using a tool with a convex shape to ensure correct sealant profile.

Immediately remove all excess sealant and smears adjacent to the joint.

## Curing

Curing rate at 2-3mm per day. Curing time is dependant on temperature and size of joint.

## Painting

Painted surfaces must be tested for compatibility prior to application. Attention must be observed with the use of alcohol or alkyd-resin since they may interfere with the curing process of the sealant and reduce the drying time of the paint itself.

It should be noted that the hardness and film thickness of the paint may restrict the elasticity of the sealant and may lead to cracking of the paint film.

## Precautions

- Do not apply temperature below 5°C.
- Not to be used for joints subjected to temporary or permanent immersion in water.
- Not recommended for use on PE, PP, PC, PMMA, PTFE, Soft plastics, neoprene and bitumen-based \ products. If unsure, conduct a preliminary test on the substrate.
- Not to be used as a sealant under solvent based polyurethane membranes. **Pascoflex FS** will restrict the curing process of solvent based membranes.

## Packaging

**Pascoflex FS** Hybrid polyurethane sealant is available in 600ml sausages, 15 sausages per carton.

## Colour

**Pascoflex FS** Hybrid polyurethane sealant is available in Grey.

## Clean Up

Tools and excess sealant can be cleaned with **Pasco Aquawipes**. Cured material may be removed by mechanical means.

## Shelf Life

12 months minimum, when stored in cool dry conditions below 25°C.



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### Health and Safety

Keep out of reach of children. 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 product.

PascoFlex FS Technical Specifications		
Property	Test Method	Result
Movement Capability	+/-25%	ASTM C719
Density (g/cm <sup>3</sup> )	1.6 +0.05	GB/T13477.2-2003
Tack free time(mins)	30-60	GB/T13477.5-2003
Curing rate (mm/24h)	>2	
Application Temperature 5°C-50°C As cured –After 21days at 50% RH and temperature 23°C		
Shore A Hardness	<35	GB/T531-1999
Adhesion at 60°C elongation	Nobreak	GB/T13477.8-2003
Ultimate elongation(%)	200-400	GB/T528-1998
Strengthat break (MPa)	>1.0	GB/T528-1998

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