

# XCHEM

## TECHNICAL DATA SHEET

### FORTSEAL 80

#### DESCRIPTION

Fortseal 80 is an oil-based, flexible sealant ideal for in-situ water sealing applications.

#### KEY PROPERTIES

- Fortseal 80 has excellent adhesion properties.
- The product remains flexible and retains a firm paint on skin surfaces.
- Fortseal 80 has good slump resistance and colour retention.
- Product is available in both cartridge and trowellable grades making it ideal for a wide range of applications.

#### KEY APPLICATIONS

- Fortseal 80 is ideal for water sealing minimal movement joints in-situ and panel construction.
- Fortseal 80 can also be used for bedding and painting around metal and timber window frames, sills and external door frames.

#### DIRECTIONS FOR USE

- Ensure that surfaces to be bonded are free from dust, dirt and moisture.
- Wire brushing, grinding and grit blasting can be used to prepare desired surface for application.
- Metal surfaces should be free from rust, scale and protective lacquers.
- Prepare the cartridge by cutting the tip off the nozzle at an angle of approximately 60° to provide the width of aperture required.

- Use a sharp long instrument to pierce the membrane across the nozzle base.
- When an adequate opening has been achieved, fit the cartridge into the gun and apply the compound maintaining regular pressure on the trigger to achieve a uniform flow.
- To release the pressure, depress the gun clutch at the back of the gun butt and pull back the gun plunger rod a short way.
- Clean tools immediately after use with lacquer thinners.
- Clean hands using industrial hand cleaner.

#### TECHNICAL DATA

- **Form** : Paste
- **Colour** : Grey or black
- **Density at 25°C** : 1.54kg/l
- **Skinning Time** : 24 to 36hrs depending on conditions of exposure.
- **Flash Point** : Over 65°C
- **Solids Content** : 100%
- **Movement Accommodation Factor** : 10% butt joints / 20% lap joints (BS 6093)
- **Physical or Chemical Change** : Protective skin forms on surface.
- **Application Temperature** : 5 to 35°C
- **Water Immersion** : Not recommended for joints
- **Packaging**

Container	Weight (g).
315ml Cartridge	560
180 x 32mm Tube	185

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#### STORAGE AND STABILITY

- Fortseal 80 has a 12 month shelf life if kept under dry and cool conditions in the original packaging.
- Extreme conditions may shorten this period.
- There are no health hazards associated with Fortseal 80 although normal industrial safety practices should be applied when handling the product.

#### GUIDE TO QUANTITIES

Joint Size In mm	Litres Per Metre Run	Metres Per 0.315 Litre Cartridge
5 x 10	0.050	6.30
15	0.075	4.30
20	0.100	3.20
25	0.130	2.40
10 x 10	0.100	3.10
15	0.150	2.10
20	0.200	1.50
15 x 10	0.150	2.10
15	0.230	1.40
20	0.300	1.00
25	0.380	0.80
20 x 15	0.300	1.00
20	0.400	0.70
25	0.500	0.60

25 x 15	0.380	0.80
20	0.500	0.60
25	0.630	0.50

**Note:** The above are theoretical yields. No allowance has been made for variation in joint dimensions or wastage.

#### SAFETY PRECAUTIONS

- Protective clothing/gloves should be worn when handling Fortseal 80.
- Ensure good ventilation or alternatively wear a protective mask.
- In case of skin contact immediately wash away using soap and warm water.
- In case of eye contact immediately rinse the affected eye(s) using clean water. **Immediately** contact a doctor.
- Keep away from children and in case of any ingestion, contact a doctor or health worker immediately.

The data and recommendations concerning this product are the result of extensive XCHEM laboratory testing and experience. As the use of the product is beyond our control, no warranty is expressed or implied and the customer should satisfy him/her self as to the suitability for this particular application.



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