



PC-Sealant® FS 15

Fire rated Acrylic Sealant

PC-Sealant® FS 15 is a one part, water based sealant with limited joint movement capability for fire retarding constructions. In contact with fire, PC-Sealant® FS 15 is intumescent (forms an inorganic crust which is unaffected by fire), providing a fire barrier and stopping the passage of smoke and flames through the sealed joint.

FEATURES

- Water base, odorless.
- Paintable after curing.
- Withstands fire for 2 hours.
- Durable, permanently flexible.
- Halogen, solvent and asbestos free.
- Prevents the passage of fire and hot gases. Adhesion to most common building substrates.

USES

- Durable, permanently flexible.
- Filling gaps in concrete and plaster.
- Adhesion to most common building substrates.
- Low movement joints in fire walls, partition walls, door, and window frames, etc.
- Sealing of gaps around pipes, cables, ducts, and services which penetrate fire-rated walls.

SURFACE PREPARATION

Before applying caulking, it's crucial to ensure that the surface is entirely clean, dry, and free from any dirt, dust, grease, oil, mildew, wax, loose paint, or old caulking. Bare surfaces should be primed before applying caulking. For safety precautions, please wear goggles and chemical-resistant gloves during the process. After the caulking application, rinse the surface thoroughly and let it dry entirely before painting.

DIRECTIONS

1. Clip off tip of spout @ a 45 angle to desired size
2. Load cartridge into caulking gun & apply using steady, even pressure to completely bridge joints.
3. Smooth caulk using a Caulk Smoother or a damp cloth for a neat appearance.
4. Wipe away excess with a damp cloth before surface skins over.
5. Protect from exposure to rain or water for 72 hrs for adequate curing. May be painted in 2 to 6 hrs depending on climatic conditions (Larger beads, cooler temperatures & higher humidity will extend drying time).

TECHNICAL DATA

Physical Properties	Test Method	Typical Value
Cure Mechanism	--	Evaporation
Specific Gravity @ 25°C, g/ml	ASTM D1475	1.42±0.02
Skin Over Time @ 25°C, Minutes	--	2-5
Flow (sag or slump)	ASTM C639	No-Sag
Tack Free Time, Minutes	ASTM C679	20-40
Extrusion ml/min	--	900
VOC, (g/L)	USEPA Method 24	≤50
Tensile Strength (N/mm ²)	ASTM D412	>0.6
Hardness : Shore A	ASTM D2240	35±3
Application Temperature (°C)	-	+5 to +40

CLEAN UP

Wipe excess with a dry towel or paper towel prior to cure. Wash skin with mild soap & water. Clean tools with mineral spirits prior to cure. Cured sealant may be removed using a razor blade taking care not to undercut the seal to the substrate.

FOR BEST RESULTS

- Apply caulk in temperatures between +5°C to +40°C.
- Do not use for joints subject to heavy abrasion or wear.
- Do not attempt to thin caulk.
- Prime bare surfaces before caulking.
- For a neat, straight bead edge, mask both sides of joint with masking tape. Remove promptly before skin forms.
- Do not "over tool" the applied caulk, leaving too little caulk to perform, following cure.
- Allow 2 to 6 hrs drying before painting, depending upon climatic conditions.
- Use a premium paint.

PACKAGING

300 ml cartridge, 24 cartridges per carton. 600ml sausage, 20 sausages per carton.

SHELF LIFE

TECHNICAL DATA SHEET UPDATED IN
SEPTEMBER 2020
TDS/PC-SEALANT® FS 15/20

All technical data in this Product Data Sheet are based on laboratory tests. Actual measured data may vary due to circumstances beyond our control.

The information, particularly the recommendations relating to the application and end-use of PC-WC products, are given in good faith based on PC-WC's current knowledge and experience of the products when properly stored, handled and applied under normal conditions by PC-WC recommendations. In practice, the differences in materials, substrates and actual site conditions are such that no warranty in respect of merchantability or of fitness for a particular purpose, nor any liability arising out of any legal relationship whatsoever, can be inferred either from this information, or from any written recommendations, or any other advice offered. The user must test the product's suitability for the intended application and purpose. PC-WC Global FZ-LLC reserves the right to change the properties of its products. The proprietary rights of third parties must be observed. All orders are accepted subject to our current terms of sale and delivery. Our technical assistance is at the disposal of the users. Consult the latest update of the technical data sheet on our website www.pc-wc.com



PC-WC GLOBAL FZ-LLC

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