

Aftek FirePro FR Fire Rated Acrylic Sealant White 600ml

Product Images





Short Description

FirePro FR (previously known as Fyreflex) sealant expands when exposed to fire to form an inorganic plug in joints and voids, assisting in the prevention of fire transmission across partitions in a building. FirePro FR combines exceptional UV and water resistance with excellent flexibility accommodating up to +20% joint movement. It is easy to apply making it ideal for internal and external applications. It has a 4-hour fire rating

when tested in accordance with AS1530.4 for joints up to 50mm. Also available in grey. **Always consult a fire engineer before use in a fire rated application.**

Description

Aftek FirePro FR Sealant, previously known as Fyreflex, is a water-based acrylic sealant suitable for use in internal and external expansion joints and for penetrations requiring a fire-resistant seal, and has a 4 hour fire rating.

FirePro FR expands when exposed to fire to form an inorganic plug in joints and voids, assisting in the prevention of fire transmission across partitions in a building. FirePro FR combines exceptional UV and water resistance with excellent flexibility, non-slump properties and ease of application, making it ideal for internal and external application.

Features:

- Up to 4 hour fire rating when tested in accordance with AS1530.4 for joints up to 50mm
- Excellent adhesion to most common building materials
- Easy application, tooling and finishing
- Good flexibility accommodating joint movement of +/- 20%
- Excellent UV & weather resistance
- Water-based, non-flammable, non-hazardous & non-toxic
- Paintable with water based paints
- Manufactured in Australia

Ideal for:

- Interior & exterior joints
- Sealing joints in concrete precast panels
- Building services penetrations such as pipes, cable trays, conduit and ducts
- Sealing electrical cables and pipe penetrations
- Acoustic gap filling

APPLICATION

Surface Preparation:

Joint substrate should be clean and free of standing water, oil/grease, concrete spatter, dirt and dust, concrete release agents, bond breakers and other chemicals or debris. Where chemicals or debris are present, these must be removed by chemical or mechanical means prior to application (consult the chemical manufacturer for correct removal process). Failure to do so will risk adhesion failure at the sealant edge/interface. Where the substrate is highly porous, such as blockwork and concrete, surfaces should be primed prior to application to avoid excessive moisture loss and subsequent weakness in the sealant.

Placement:

Cut the end of the sausage and place sausage barrel gun nozzle over the cut end. Place the sausage into the sausage barrel gun housing and screw the nozzle head onto the housing of the barrel. Install suitably sized backing rod to fit the joint width to be sealed/caulked. Gun Fyreflex into the joint space, facing the gun tip forward to ensure complete filling of the joint such that no voids are present which would weaken the strength of the joint. Finish tooling the joint within 15 minutes and wipe up excess material with a damp cloth immediately. Protect from water until suitably cured.

Typically, a joint will form a firm skin in 2 – 3 hours and take up to seven days to fully cure (dependent on joint thickness and weather conditions).

Clean Up:

Clean tools and equipment immediately after use with water. Once cured, FirePro FR must be removed by mechanical means.

Storage:

12 months when stored at 20 degrees Celsius in original sealed containers.

Yield:

A 600ml sausage will cover 6 metres of a 10 x 10 mm joint, and 0.5 metres of a 50 x 25 mm joint.

Additional Information

CODE	40-AFF600W
U.O.M	Each
Colour	White
Suits Substrate	Aluminium, Brick, Cement, Concrete, Fibre Cement, Glass, Plasterboard, Polystyrene, Steel, Timber
Box Quantity	20
Brand	Aftek
Size	600 ml
Min Working Temp	-10 degrees Celsius
Max Working Temp	+80 degrees Celsius
Application Thickness (mm)	Max 50 x 25mm joint
Gel Time / Skin Time	Skins in 15 - 20 minutes (typical)
Cure Time	Final cure at 7 days
Yield	0.5 metres of a 50 x 25 mm joint, up to 6 metres of a 10 x 10 mm joint
VOC Content (Volatile Organic Compounds)	Low VOC
Shore A Hardness	25 - 35

