

Intumescent & Acoustic FR Acrylic Sealant

Product Description

Premseal FR Acrylic is a halogen-free, polymer emulsion based sealant that swells when subjected to temperatures in excess of 125°C and forms a char coat that restricts the passage of smoke and fire.

Features

- Excellent adhesion to a wide range of substrates
- Will not harden or crack with age
- Readily over-paintable

Typical Applications

- Smoke and fire seal in joints up to 35mm deep without slumping
- Sealing joints in and around internal partitions
- Sealing lap joints in fire-rated cladding
- Sealing between fire doors and fire-rated walls

Approvals

- BS EN 1366-3: 2004 & BS EN 1366-4: 2006. Tested at Bodycote Warrington Fire, report no.173658A, achieving 4-hour integrity and insulation rating for a range of linear and penetration seals
- An indicative fire test based on BS476: Part 20 – Warrington Fire Research achieved a 4-hour fire rating (integrity) for a range of vertical and horizontal joints up to 35mm wide between various non-combustible construction materials. A 1-hour fire rating (integrity) was achieved for a range of vertical joints up to 25mm wide between combustible timber materials.



Intumescent & Acoustic FR Acrylic Sealant	
Adhesive	Excellent to a wide variety of substrates
Colour	White
Movement	± 15%
Hardness (Shore A)	25 – 30
Skinning time	15 min to 1 hour, depending on conditions
Cure time	5 to 15 days, depending on joint size
Service temperature	-20°C to +70°C
Application temperature	+5°C to +40°C
Shelf life	12 months

Please note: The above technical information is given as a guide and is based on recent test data obtained under laboratory conditions. Materials should be fully tested by the end user to establish suitability of the product for the intended application. October 2014

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Premseal cartridge LM, MS Hi-Bond, FR IM

Storage and Transportation Advice

STORAGE TEMPERATURE: between 5 °C and 25 °C Ambient

TRANSPORT TEMPERATURE: between 5 °C and 25 °C Ambient

LOADING/UNLOADING TEMPERATURE: Ambient

STORAGE/TRANSPORT PRESSURE (kPa): Atmospheric

USUAL SHIPPING CONTAINERS: This product can be transported by shipping container. Where possible avoid any excessive heat and prolonged exposure. Continuous exposure may impact shelf life and product performance. Supplied in cardboard cartons.

MATERIALS AND COATINGS UNSUITABLE: None

STORAGE / HANDLING, GENERAL NOTES: Store in a cool, well-ventilated place. Do not store cartons of product near an open flame, sources of heat or sources of ignition. Protect material from direct sunlight. Shelf life of 12 months in ambient conditions. However, this may be impacted due to extreme conditions outside of these parameters.

Storage temperatures between 5 °C and 25 °C would be advisable however storage outside of these temperatures is possible hence the terms cool and ambient.

IF STORAGE AND TRANSPORTATION IS BELIEVED TO BE BEYOND THESE CONDITIONS PLEASE CONTACT US TO DISCUSS A SPECIFIC PRODUCT FOR YOUR ENVIRONMENT.

OVER EXPOSURE MAY IMPACT ON THE LONGEVITY AND SUITABILITY FOR AN APPLICATION.



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