

PyroPro® HPE Sealant is a water based acrylic sealant used to reinstate the fire resistance of wall and floor constructions in apertures when penetrated by multiple services. PyroPro® HPE Sealant has been developed utilizing specialist intumescent technologies which result in the sealant expanding in the presence of heat or fire.

This expansion is fast acting and up to 25 times. The expanding sealant fills the void left by combusting materials and remains in place, exerting a pressure on the surrounding substation upholding the fire resistance of the compartment. This uniquely formulated product allows it to be tested and Certified to internationally recognised standards, including, Certifire, CE marking and UL Listings.

PyroPro® HPE Sealant has been tested and Certified as part the FSi Fire Stopping range. The PyroPro® HPE system can be installed across a variety services and substrates including,

- Flexible and Rigid Walls
- Rigid Floors
- Multi-Service penetrations
- Blank Openings
- Stopseal® Ablative Batt

Areas of Use:

- To reinstate fire resistance through walls and floors
- To seal multi-service penetrations
- Prevention of air leakage
- Maintains Acoustic performance
- Assumed working life 30 years

Advantages:

- High performance water based intumescent sealant
- Tested with a wide range of services, including plastic pipes, cables, insulated non-combustible pipes
- Tested within the Stopseal® Ablative Batt System
- Easy gunning and tooling
- Tested practically, with the installer in mind. Tested with various common backing materials.
- Manufactured and tested alongside the entire FSi Fire Stopping range in the UK.

Certification & Testing:

- Tested in accordance with EN1366-3:2009 – Fire Resistance – Penetration Seals
- Classified in accordance with EN13501-2 – Fire Resistance
- CE Marked – ETA 14-0044
- Conditioned in accordance with EOTA TR024 – X Type
- Certifire Accreditation – CF5127
- Lubrizol Approved
- ULEU Accreditation
- UAE Certificate of Compliance
- Tested in accordance with EN10140-2:2010 – Airborne Sound
- Tested in accordance with EN1026:2000 - Air Permeability



Certifications



UAE Certificate of Compliance

دعوت به ایستادن در برابر آتش
تولید شده در انگلستان
تولید شده در انگلستان
تولید شده در انگلستان
تولید شده در انگلستان



ETA 14-0044

CE-1121-CPR-JA5023



APPROVED
CF5127



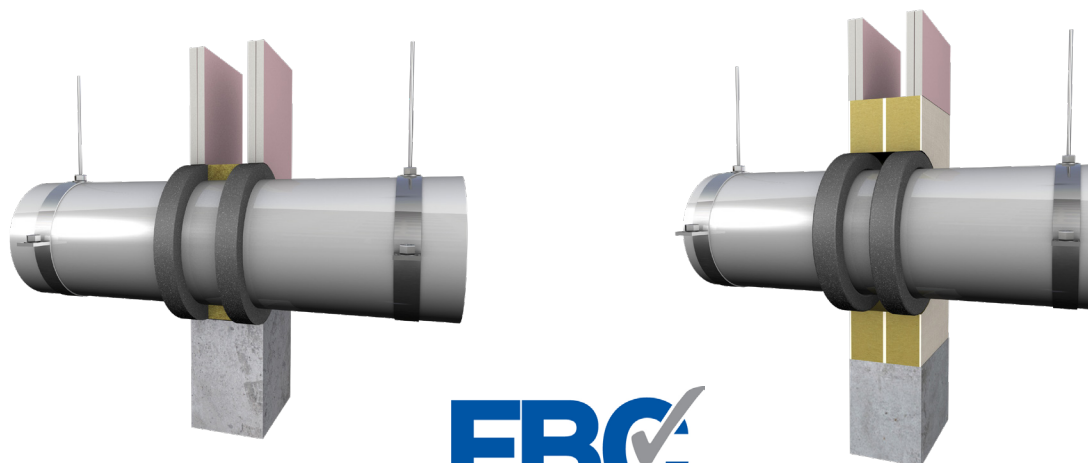
Please refer to FSi Technical Data Sheets and Technical Manual for more information

General Characteristics	Inspection Method	Value
Product Data (uncured)		
Density (S.G)	ISO 2811-1	1.3
Appearance		Paste, Matt finish, Dark Grey
Product Data (after curing)		
Hardness Shore A	ISO 76919-1 : 2010	71
Movement Capability		N/A
Operating Temperature °C		-5 to 40
Loss Mass of Mass on Heating	ISO 3451-1 (Method A)	81.5
Conditioning	EOTA TR024	Type X

** These figures are only intended as a guide and should not be used preparing specifications*

Overview

Description	Result
Size	310ml, 380ml Cartridge, 600ml foil, 5, 10, 20, 250kg pail
Colour	Dark Grey, Dark Red
Product Code	FS310HPE
Associated Products	Stopseal Batt, Stopseal Ablative Coating, Silverseal HS & STD Compound
Shelf Life	18 months if stored in accordance with storage conditions.



FBC
SYSTEM COMPATIBLE

FSi has Technical Representatives who provide assistance in the selection and specification of FSi products. For more information, specification and technical advice please call our Head Office on Tel: +44 (0) 1530 515130. Guarantee / Warranty: FSi products are manufactured to rigid standards of quality. Any product which has been applied in accordance with FSi's written instructions and in any application recommended by FSi, but which is proved to be defective in product quality, will be replaced free of charge. No liability can be accepted for the information provided in this document although it is published in good faith and believed to be correct. FSi Limited reserves the right to alter product specifications without prior notice, in line with our Company policy of continuous development and improvement.