

Pyrolastic® Fire Resistant Silicone Sealant is a one-part, neutral-curing, fire resistant silicone sealant for construction. Pyrolastic® cures at room temperature under the action of atmospheric moisture to give a permanently flexible silicone rubber.

Pyrolastic® is used to reinstate the fire resistance of wall and floor constructions in linear joints and where apertures are penetrated by multiple services. Pyrolastic® has been developed allowing it to be tested and Certified to internationally recognised standards, including, Certifire, CE marking and UL Listings.

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

- Flexible and Rigid Walls
- Rigid Floors
- Multi-Service penetrations
- Head of Walls

#### Areas of Use:

- To reinstate fire resistance through walls and floors
- Linear Construction Joints
- Movement joints
- Prevention of air leakage
- Maintains Acoustic performance
- Assumed working life 25 years
- For internal and external use

#### Advantages

- Flexible, high performance neutral cure silicone, for use in gaps up to 60mm offering movement of 25%
- Easy gunning and tooling
- Tested practically, with the installer in mind. Tested with various common backing materials.
- Provides smoke seal.
- 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
- Tested in accordance with EN1366-4:2009 – Fire Resistance – Linear Seals
- Classified in accordance with EN13501-2 – Fire Resistance
- CE Marked – ETA 15-0179
- Conditioned in accordance with EOTA TR024 – X Type
- Certifire Accreditation – CF511
- 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

كديت نجا ا كيريل ات ار ام ال ا كلود  
فيلخ ا دل ا كل ا رو  
عن دمل ا ح فائل كم اكل ا د فوئ ا  
فيل اكل ات اربفخ مل ا د بئخ ا كليل  
بيورتل ا دهاج و فبخل اتويو



ETA 15-0179

CE-1121-CPR-JA5064



APPROVED  
CF511



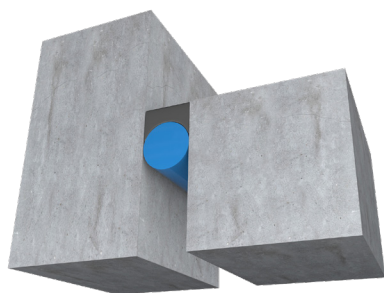
Please refer to FSi Technical Data Sheets and Technical Manual for more information

**FIRE STOPPING & COMPARTMENTATION SYSTEMS**

General Characteristics	Inspection Method	Value
<b>Product Data (uncured)</b>		
Density (S.G)	ISO 1183-1 A	1.5
Appearance		Paste
Resistance to flow	ISO 7390	non-sag
Extrusion rate - volume flow at 23°C		150ml/min
Skin Forming time at 23°C/ 50% r.h		25 min
<b>Product Data (after curing)</b>		
Tensile strength	ISO 8339	0.60 N/mm <sup>2</sup>
Elongation at break	ISO 8339	300%
Modulus at 100% elongation	ISO 8339	0.40 N/mm
Hardness Shore A	ISO 868	25
Movement capability	ISO 11600	25%
Tear Strength	ISO 3451-1 (Method C)	4.0 N/mm <sup>2</sup>
Operating Temperature °C		-5 to 150

**Overview**

Description	Result
Size	310ml, 380ml, 900ml Cartridge, 600ml foil
Colour	White, Grey, Black
Product Code	FSM310CW
Shelf Life	12 months if stored in accordance with storage conditions.



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.