

Acoustic Intumescent Sealant

Fire and Acoustic Intumescent Sealant for thin linear joints

As part of the comprehensive Firepro range of fire protection products, Rockwool Corofil Acoustic Intumescent Sealant is suitable for sealing joints and service penetrations in fire walls, partitions, fire rated door frames and glazing systems. Tested to BS476 Parts 20 and 22, Rockwool Corofil Acoustic Intumescent Sealant provides up to 4 hours fire protection in joints of up to 30mm width.

In addition to the fire rating the sealant may be used to seal joints in party walls to provide an acoustic seal.

Description

Acoustic Intumescent Sealant is a high specification, one part water based acrylic sealant, extruded from a cartridge loaded into a standard sealant gun. The depth of the joint will depend on the gap to be filled and the fire rating required. (See Fire Rating)

All surfaces must be thoroughly clean and free of bond breaking contaminants prior to application of the sealant. No priming is required for most construction substrates; however, it is recommended that a small area be tested on substrates.

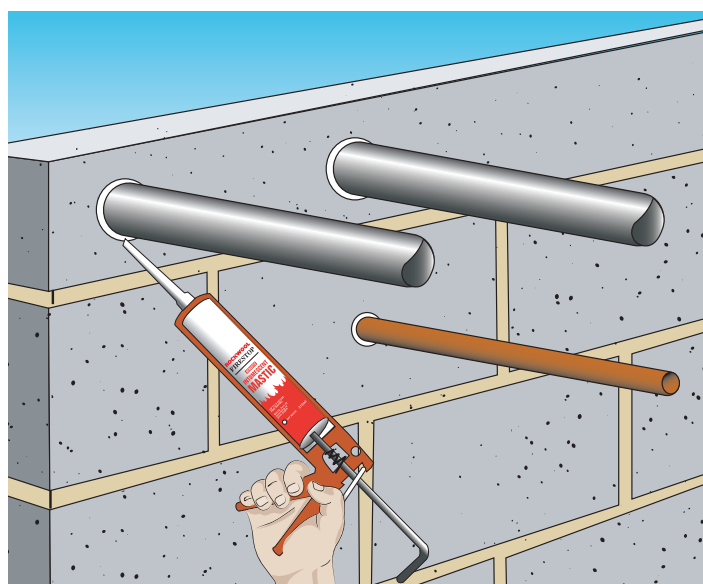
The sealant should not be applied if the ambient temperature is below 5°C as adhesion will be impaired.

The sealant is fast curing, approximately 15 minute tack free time.

When fully cured the sealant can be overpainted.



Rockwool Corofil Acoustic Intumescent Sealant in blockwork joints



Rockwool Corofil Acoustic Intumescent Sealant – Sealing around metal pipes

Performance and properties

Fire Rating

Joint Size	Depth of Sealant	Integrity	Insulation	Backing	Type of Seal
10mm	10mm	240 mins	30 mins	Fire & acoustic Foam	Single
15mm	10mm	240 mins	30 mins	Fire & acoustic Foam	Single
20mm	15mm	240 mins	120 mins	Fire & acoustic Foam	Dual
20mm	20mm	240 mins	60 mins	Linear Firestop 2*	Single
30mm	15mm	240 mins	120 mins	Fire & acoustic Foam	Dual
30mm	15mm	240 mins	60 mins	Linear Firestop 2*	Single

* See Linear and Trapezoidal Firestop Systems data sheet

Acoustic Performance

Weighted Sound Reduction Index (Rw) of up to 57db.

Dependant on:

- Type of construction
- Required acoustic rating
- Size of joint

Contact Rockwool Technical Helpline for more details.

Smoke Seal

Rockwool Corofil Acoustic Intumescent Sealant will provide a smoke seal.

Coverage

Rockwool Corofil Acoustic Intumescent Sealant is available in 310ml cartridges. One cartridge will provide the following coverage rates:

Joint Size	Depth of Sealant	Yield per cartridge
10mm	10mm	3.10 l/m
20mm	15mm	1.03 l/m
30mm	20mm	0.51 l/m

Colours

White and grey. Additional colours are available depending on quantity requirements.

Specification

Install Rockwool Corofil Acoustic Intumescent Sealant to provide up to 4 hours fire protection in all joints up to 30mm in all firewalls. Installation to be fully in accordance with manufacturer's instructions.



Building Regulations 2000 – Approved Document B – B2/3/4 – Internal fire spread (structure), paragraphs 0.10 – 0.11, state that the spread of fire inside a building can be restricted, by provisions for elements of structure to have a specified minimum period of fire resistance. Fire resistance is defined in terms of both integrity and insulation requirements when applied to fire separating elements.



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