

# Stopseal® Coating

## Fire Resistant Ablative Coating



### General description

Stopseal® Coating is an ablative coating for use when installing the Stopseal® Batt System. Stopseal® Coating can be applied to raw stone wool boards at the correct thickness to achieve the performance of the Stopseal® Batt. The Stopseal® Ablative Coated can also be used to seal in the Stopseal® Batt to reinstate the fire resistance performance of wall and floor constructions where apertures are penetrated by single or multiple services.

### Packaging

- 5kg Pails

### Application and use

Applied to raw stone wool:

- To reinstate fire resistance through walls and floors
- Multi-service penetrations
- For internal use
- In conjunction with other FSi Promat products

Product Details	
Material	Water based vinyl acetate Coating
Weight	Range 1.3-1.45 g/cm <sup>3</sup>
Finish / Colour	White
Unit of measure	5kg
Chemical properties/ COSHH statement	See SDS latest version is available at <a href="http://www.promat.com/en-gb">www.promat.com/en-gb</a> or available on request from <a href="mailto:technical.fsi.uk@etexgroup.com">technical.fsi.uk@etexgroup.com</a>
Size/dimensions (product & installation spacial requirement)	For penetrations seals, opening size and penetration service covered as per requirements of UL-EU-00771-CPR
Shelf life	18 Months
Working Life	25 Years (ETA-20/1026)
Wet film coating thickness	≤ 1mm
Dry film coating thickness	≤0.7mm

## Technical Data Sheet

### Product Certification / Approvals

Approval	Reference number
ETA	ETA-20/1026
CE Mark	2531-CPR-CXO10255
UL-EU	UL-EU-00771-CPR
UKCA	0843-CPR-1149

### Testing / Classification

Standard	Description	Result
BS EN 1366-3	Fire resistance tests for service installations. Penetration seals	See UL-EU-00771-CPR for fire resistance performance
BS 476 : Parts 20 and 22	Fire tests on building materials and structures. Method for determination of the fire resistance of non-loadbearing elements of construction	Contact technical.fsi.uk@etexgroup.com for details
BS EN 1026:2000	Windows and doors. Air permeability. Test method	Tested at 600 Pa (contact technical.fsi.uk@etexgroup.com for details)
ASTM E84	Standard Test Method for Surface Burning Characteristics of Building Materials	Contact technical.fsi.uk@etexgroup.com for details
ASTM E2923:14	Longevity of Fire Stop Materials	30 years
BS EN 13501-2	Fire classification of construction products and building elements	See UL-EU-00771-CPR for fire resistance performance
BS EN ISO 10140-2:2020	Laboratory measurement of sound insulation of building elements. Measurement of airborne sound insulation	Up to 60dB achievable Contact technical.fsi.uk@etexgroup.com for details
AS1530.4:2014	Methods for fire tests on building materials, components and structures Fire-resistance tests for elements of construction	Contact technical.fsi.uk@etexgroup.com for details
BS EN 13501-1	Fire classification of construction products and building elements. Classification using data from reaction to fire tests	Contact technical.fsi.uk@etexgroup.com for details
BS EN ISO 10140-2:2010	Acoustic performance	Please contact FSi Promat technical for details

**Technical Data Sheet****Installation & Operation**

FSi Ltd. recommend installation of FSi Ltd. products is carried out by 3rd party certified installers.

Adequate space and accessibility should be provided for cutting and shaping the batts, applying and tooling the sealant.

The substrate must be clean, dry, sound and homogeneous, free from oils, grease, dust and loose particles. The product does not require a primer on most common surfaces.

Simple tools and equipment are required: • Tape measure • Cartridge gun • Marker or pencil • Straight edge • Masking tape • All purpose saw • Pad saw • Pallet knife or pointing trowel • Brush (or spray equipment)

If raw stone wool batts are used they must be of the correct density and thickness and conform to the relevant European Norm.

**Friction Fit**

Measure the size of the opening, relevant position and size of the services. Tape all surfaces where necessary to ensure the aesthetics of Pyrocoustic Sealant. Draw these details onto the raw stone wool batt and cut out using a saw or knife.

Using a trowel or pallet knife apply a thick layer of Pyrocoustic Sealant to all areas of contact around the opening and services (where Pyropro HPE is to be installed around the service Pyrocoustic Sealant should not be applied here). Apply a similar thickness of Pyrocoustic Sealant to the cut Raw stone wool batt. Fit the cut Raw stone wool batt into the opening, ensuring a tight friction fit. Push the Raw stone wool batt firmly into the opening using the flat of the hand.

Continue the above procedure to fill the opening ensuring that a layer of Pyrocoustic Sealant is applied to all areas of contact between the boards. The seal should be made up from as few pieces of Raw stone wool batt as practicable. Any small gaps in the seal left when all cut pieces have been installed should be tightly packed with off-cuts and coated with Pyrocoustic Sealant.

Brush or spray Stopseal Coating onto all areas of the uncoated stone wool batt ensuring correct thickness of 2mm is achieved.

A layer of Pyrocoustic Sealant should be applied to all joint lines formed by piecing the seal together. To complete the installation a small bead of Pyrocoustic Sealant should be applied around the extremities of the opening and services. The bead of Pyrocoustic Sealant should be smoothed to overlap the wall / floor surface by approximately 5mm. Remove any masking and dispose of waste materials.

**Pattress Fit (Face fit)**

Measure the size of the opening, relevant position and size of the services. Tape all surfaces where necessary to ensure the aesthetics of Pyrocoustic Sealant. Cut the Raw stone wool batt larger than opening so that an overlap on to substrate can be achieved in line with UL-EU-00771-CPR. Draw penetration service details onto the Raw stone wool batt and cut out using a saw or knife.

Using a trowel or pallet knife apply a thick layer of Pyrocoustic Sealant to all areas of contact around the opening and services (where Pyropro HPE is to be installed around the service Pyrocoustic Sealant should not be applied here). Apply a similar thickness of Pyrocoustic Sealant to the cut Raw stone wool batt.

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Position the Batt over the aperture ensuring required overlap is achieved and mechanically fix to substrate using suitable and tested fixings at prescribed maximum centres, outlined in UL-EU-00771-CPR.

Continue the above procedure to fill the opening ensuring that a layer of Pyrocoustic Sealant is applied to all areas of contact between the boards. The seal should be made up from as few pieces of Raw stone wool batt as practicable. Any small gaps in the seal left when all cut pieces have been installed should be tightly packed with off-cuts and coated with Pyrocoustic Sealant.

Brush or spray Stopseal Coating onto all areas of the uncoated stone wool batt ensuring correct thickness of 2mm is achieved.

A layer of Pyrocoustic Sealant should be applied to all joint lines formed by piecing the seal together. To complete the installation a small bead of Pyrocoustic Sealant should be applied around the extremities of the opening and services. The bead of Pyrocoustic Sealant or PS Coating should be applied to exposed mineral wool edges and overlap the wall / floor surface by approximately 5mm. Remove any masking and dispose of waste materials.

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Where services penetrations are present such as pipes and cables the appropriate system should be installed shown in UL-EU-00771-CPR. Combustible services will require a closure device such as PipeBloc PCP, PipeBloc EL and Pyropro HPE.

Clean all tools and application equipment with water immediately after use.

Competence records should be kept for all individuals installing this product (s). Installations should be suitably recorded and logged.

### Maintenance

Recorded inspection should be conducted in line with the maintenance and inspection schedule defined for the building/project.

These inspections should be completed and recorded by suitably competent individuals at intervals outlined in the operation and maintenance manual relevant to the building.

Ensure Safe Access and Egress when carrying out maintenance or inspection

Where product (s) is damaged or tampered, new product should be installed in line with installation guidance.

### Handling & Storage

For unopened material, store in a well-ventilated, dry, cool environment. Recommended temp ranges +5°C - +35°C. Protect against exposure to direct sunlight. Always ensure that safe manual handling procedures are followed at all times.

For information and advice on the safe handling, storage and disposal of chemical products, please refer to the most recent Safety Data Sheet (SDS) available at [www.promat.com/en-gb](http://www.promat.com/en-gb)

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### Disposal

Removal and disposal must be done in a way that limits, as much as possible, the formation of dust. Adequate PPE must be worn including suitable respiratory equipment in the case of insufficient ventilation.

European Waste Catalogue code: **08 01 12**

(waste paint and varnish other than those mentioned in 08 01 11)

You must classify your own waste, the information given above is guidance only. Waste must be classified on a case-by-case basis.

The product is classified as non-hazardous; however, every care must be taken to avoid release to the environment. Take up liquid spill with absorbent material, dam if necessary to prevent access to water course.

Dispose of waste according to applicable legislation. Handle contaminated packages in the same way as the substance itself. Non-contaminated packages may be recycled.

Please see SDS for further information.

### Legal Notes

FSi Ltd. products are manufactured to rigid standards of quality. Any product which has been applied in accordance with FSi Ltd.'s written instructions and in any application recommended by FSi Ltd., 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 at time of issue. Any drawings provided are for illustrative purposes only. FSi Ltd. reserves the right to alter product specifications without prior notice, in line with our Company policy of continuous development and improvement. Changes due to new findings are possible, errors and misprints are not excluded. No liability whatsoever will be accepted for any loss, damage or injury arising from the use of the information given. FSi Ltd. have no control over the methods of installation, competence of operatives or suitability of site conditions, no warranties, expressed or implied, are intended to be given as to the actual performance of the product/system mentioned within this document.

### SKU CODES

Item Code	Description	Size	Colour	Pallet Qty
FSI5FP	Stopseal® Coating	5kg	White	54

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