

FIRESAFE / FSB

Firestop Boards for Penetration Seals

PRODUCT DATA SHEET

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Rev.: 0

Prepared by: PP

Checked by: HKE

European approvals:

ETA No: 25/0231 Penetration Seals

DoP No.: FS/PP/FSP - 30/07/2025

CE 2821

PRODUCT DESCRIPTION

FIRESAFE / FSB1 and/ FSB2 are fire boards with an internal high-density rock wool core treated with FIRESAFE / FSP fire retardant paint on one or both sides. FIRESAFE / FSB is intended as a fire seal for larger gaps, creating a fireproof and smokeproof barrier to adjacent rooms.



Fire resistance
≤ 240 minutes



Acoustic
insulation R_w ≤
28 dB



Lifespan
25 years



Paintable
After 24 hours

Technical data:

FIRESAFE / FSB1 - Firestop Boards	EAN code 7070800102351
FIRESAFE / FSB2 - Firestop Boards	EAN code 7070800102368
Condition	Ready to use, rock wool firestop boards with fire retardant paint
Colour	White surface, yellow-green internal core
Colour code	RAL 9002 / NCS S1002-Y
Storage temperature during transport	+5 °C to +50 °C
Shelf life	No expiry date in unopened plastic packaging and at temperatures between +5 °C to +30 °C
Temperature during application	+5 °C to +50 °C
Permanent temperature resistance	-20 °C to +70 °C
Fully cured	3 to 5 days depending on fire retardant paint thickness and temperature
Flexibility	± 12.5 % (in accordance with ISO 11600)
Density	160 kg/m ³
Thermal conductivity	0.039 W·m ⁻¹ ·K ⁻¹ in accordance with EN 12667
Usage category ¹⁾	Type Z ₂ in accordance with EAD 350454-00-1104
Paintable ²⁾	Yes
Can be installed from 1 side	Yes
Airtight and smokeproof	Yes, in accordance with S _a and S ₂₀₀ NEN 6075
Acoustic properties	50 mm with both sides coated: $R_w (C; C_{tr}) = 28 (-1; -2)$ dB
Reaction to fire	Class E in accordance with EN 13501-1
Certification / fire resistance	Classification in accordance with EN 13501-1/2
VOC content	1 g/l
European approvals	ETA 25/0231. Penetration Seals
Tested combinations	FIRESAFE / FSA - FSG - FSW - FSC- FSP - FSD - M bandage
Test standards	Tested in accordance with EN 1366-3. Penetration Seals
Product lifespan	Minimum 25 years



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detailed information



¹⁾ Permitted environmental conditions

Fire sealing is intended for use in conditions with < 85%, with protection against temperatures below 0 °C, and with no exposure to rain or UV (TR 024, type Z₂). Indoor environments.

²⁾ Paintable

FIRESAFE / FSB can be painted with most water-based paints.

FIRESAFE /

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FIRESAFE / FSB

Firestop Boards for Penetration Seals

Packaging:

FIRESAFE / FSB	Fire retardant paint	Sheet thickness	Dimensions	Pallet	Item no.
FIRESAFE / FSB1	Painted, one side	50 mm	1000 x 625 mm	60 pcs.	100.208
FIRESAFE / FSB2	Painted, two sides	60 mm	1000 x 625 mm	50 pcs.	100.209

Available documents and approvals for FIRESAFE / FSB:

Technical documents
✓ Product data sheet (PDS)
✓ Technical data sheet (TDS)
✓ Safety data sheet (SDS)
✓ CE marking
✓ Emissions reports
✓ Acoustics report

Approvals
✓ Tested in accordance with EN 1366-3
✓ Classification in accordance with EN 13501-2
✓ Certified in accordance with EAD 350454-00-1104
✓ ETA: 25/0231 Penetration Seals
✓ Declaration of Performance (DoP)

The documents listed above can be obtained from your Firesafe contact person, via QR code (Digital Pass), or on the Firesafe website: www.firesafe.no.

