

FIRESAFE / FSA

Firestop Acrylic for Penetration Seals and Linear Joint Seals

PRODUCT DATA SHEET

Date: 30.07.2025
Rev.: 0
Prepared by: PP
Checked by: HKE
European approvals:
ETA No: 25/0233 Penetration Seals
ETA No: 25/0235 Linear Joint Seals
DoP No: FS/PP/FSA – 30.07.2025
CE 2821

PRODUCT DESCRIPTION

FIRESAFE / FSA is a fire-rated acrylic sealant that expands when exposed to heat, creating a fireproof and smokeproof barrier to adjacent rooms.



Fire resistance
≤ 240 minutes



Acoustic insulation
Rw ≤ 54 dB



Working life
25 years



Paintable
After 24 hours

Technical data:

FIRESAFE / FSA - Cartridge - 310 ml	EAN code 7070800102238
FIRESAFE / FSA - Sausage - 300 ml	EAN code 7070800102252
FIRESAFE / FSA - Sausage - 600 ml	EAN code 7070800102276
Condition	Ready for use on acrylic base
Colour	White
Colour code	RAL 9002 / NCS S1002-Y
Shelf life	24 months in unopened packaging at temperatures between +5°C and +30°C
Storage temperature during transport	+5 °C to +30 °C
Temperature during application	+5 °C to +30 °C
Permanent temperature resistance	-20 °C to +70 °C (after complete curing)
Drying time (visual)	Maximum 25 minutes
Non-adhesive	Maximum 75 minutes
Fully cured	3 to 5 days depending on thickness and temperature
Specific gravity	1.56 - 1.60 g/cm ³
Elasticity in motion	Up to 7.5%
Electrical conductivity	None after complete curing
Usage category ¹⁾	Type Z ₂ in accordance with EAD 350454-00-1104. Indoor use.
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	12 mm depth + 15 mm backing material: R _{s,w} (C;C _{tr}) = 54 (-3; -10) dB and R _{s,max,w} (C;C _{tr}) = 58 (-5; -13) 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	12 g/l
European approvals	ETA 25/0233. Penetration Seals
European approvals	ETA 25/0235. Linear Joint Seals
Test standards	Tested in accordance with EN 1366-3. Penetration Seals
Test standards	Tested in accordance with EN 1366-4. Linear Joint Seals
Compatibility	Avoid direct contact with bituminous materials (e.g., asphalt or roofing materials that contain bitumen).
Product lifespan	Minimum 25 years



Scan the QR code for detailed information



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Packaging:

FIRESAFE / FSA	Contents	Box	Pallet	Pallet	Item no.
Plastic cartridge	310 ml	12 pcs.	128 boxes	1536 pcs.	100.200
Sausage	300 ml	18 pcs.	98 boxes	1764 pcs.	100.201
Sausage	600 ml	12 pcs.	91 boxes	1092 pcs.	100.202

Usage table per 310 ml. Joint metre per packaging m¹:

Joint width	10 mm	15 mm	20 mm	25 mm	30 mm	40 mm	50 mm	60 mm	80 mm	100 mm
Joint depth 12.5 mm	2.45 m ¹	1.65 m ¹	1.20 m ¹	1.00 m ¹	0.80 m ¹	0.60 m ¹	0.50 m ¹	0.40 m ¹	0.30 m ¹	0.25 m ¹
Joint depth 15 mm	2.05 m ¹	1.35 m ¹	1.00 m ¹	0.80 m ¹	0.65 m ¹	0.50 m ¹	0.40 m ¹	0.30 m ¹	0.25 m ¹	0.20 m ¹
Joint depth 25 mm	1.20 m ¹	0.80 m ¹	0.60 m ¹	0.50 m ¹	0.40 m ¹	0.30 m ¹	0.25 m ¹	0.20 m ¹	0.15 m ¹	0.10 m ¹

Usage table per 600 ml. Joint metre per packaging m¹:

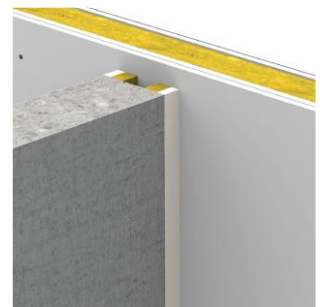
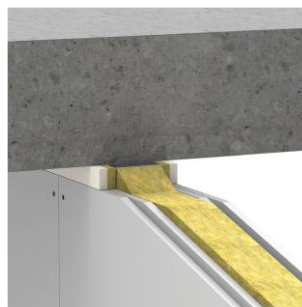
Joint width	10 mm	15 mm	20 mm	25 mm	30 mm	40 mm	50 mm	60 mm	80 mm	100 mm
Joint depth 12.5 mm	4.80 m ¹	3.20 m ¹	2.40 m ¹	1.90 m ¹	1.60 m ¹	1.20 m ¹	0.95 m ¹	0.80 m ¹	0.60 m ¹	0.45 m ¹
Joint depth 15 mm	4.00 m ¹	2.65 m ¹	2.00 m ¹	1.60 m ¹	1.30 m ¹	1.00 m ¹	0.80 m ¹	0.65 m ¹	0.50 m ¹	0.40 m ¹
Joint depth 25 mm	2.40 m ¹	1.60 m ¹	1.20 m ¹	0.95 m ¹	0.80 m ¹	0.60 m ¹	0.45 m ¹	0.40 m ¹	0.30 m ¹	0.20 m ¹

Available documents and approvals for FIRESAFE / FSA:

Technical documents	Approvals
✓ Product data sheet (PDS)	✓ Tested in accordance with EN 1366-3
✓ Technical data sheet (TDS)	✓ Tested in accordance with EN 1366-4
✓ Safety datasheet (SDS)	✓ Classification in accordance with EN 13501-1/2
✓ CE marking	✓ Certified in accordance with EAD 350454-00-1104
✓ Emissions reports	✓ ETA: 25/0233 Penetration Seals
✓ Acoustics report	✓ ETA: 25/0235 Linear Joint 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.



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