FIRESAFE / FSC

Universal Firestop Collar for Penetration Seals

PRODUCT DATA SHEET

Date: 30/07/2025
Rev.: 0
Prepared by: PP
Checked by: HKE
European approvals:
ETA No: 25/0232 Penetration Seals
DoP No.: FS/PP/FSC - 30/07/2025
CE 2821

PRODUCT DESCRIPTION

FIRESAFE / FSC is a Universal Fire Collar. **ALL IN ONE PRODUCT.**

FIRESAFE / FSC is a firestop collar with a 30 mm height provided as a rolled up band with connected stainless steel links. It has a length of 2610 mm and can easily be divided into 174 sections.

FSC has an internal heat-expanding coating made from a high-quality graphite material.

The roll of FSC firestop collar can easily be divided up to customise it for precise pipe diameters.

FIRESAFE / FSC expands when exposed to heat, creating a fireproof and smokeproof barrier to adjacent rooms.

Fire resistance
≤ 120 minutes

Pipe diameter
≤ (d) Ø 315 mm

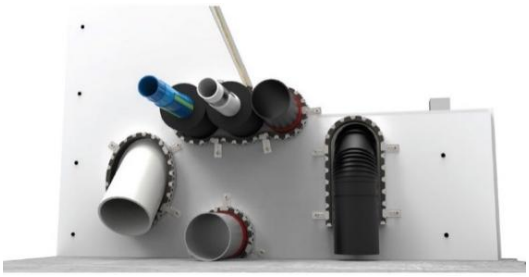
Lifespan
25 years

ALL IN ONE
Product

Type of installation
✓ Standard plastic pipe: PVC-U, PVC-C, PP, PE, PE-HD, ABS, SAN+PVC
✓ Noise-insulating plastic pipe: REHAU Raupanio plus, Geberit Silent 20dB, Wavin SiTech+, Wavin AS, Blue Power, POLO-KAL 3S
✓ Aluminium composite pipes: PE-Xb, PE-Xe, PE-RT Henco, Uponor, Wavin Tigris, Geberit Mepla, REHAU Rautitan
✓ Fibre-reinforced composite pipes PP-R, PP-B, PP-RCT, Aquatherm, Climatec, Aquatechnik
✓ Pipes for air conditioning: Wicu flex
✓ Copper and steel pipes
✓ Electrical cables and cable bundles
✓ Plastic electrical conduits with or without electrical cables
✓ Aluminium exhaust pipes for gas
✓ Pipes inside pipes for steel/PP flue gas pipes

Types of pipe insulation
✓ Thermacompact® TF, PE foam
✓ ABsound Sonocool Type PM
✓ Jaco Massa Forsterket Alu, Jaco Massa Alu and Jaco Massa Svart Alu
✓ Merfisol Silver ALU-AF/Armaflex and SH/Armaflex
✓ Kaiflex ST and Kaiflex KKplus s2
✓ Insul-Phen, Insul-Pirplus and Insul-Pir 33
✓ Kingspan Tarecpir M1, Kingspan Tarecpir CR
✓ Kingspan Tarecpir B2, Kingspan Tarecpir HT
✓ Kingspan Tarecpir HD and Kingspan Kooltherm FM

Tested pipe configurations
✓ Pipe in combination with metal support, half cover
✓ Angled pipes ($^3/_4$ principle)
✓ Pipes with zero distance from walls and floors with an adapted FSC
✓ Pipes with an angle up to 45°
✓ Pipes tested with tuck-in, electric welding, and adhesive sleeves
✓ Pipes with 87°/ 90°and 2 x 45° corner sections
Structures
✓ Masonry and cast wall constructions, density ≥ 350 kg/m³
✓ Masonry and cast wall constructions, density ≥ 400 kg/m³
✓ Insulated and non-insulated plaster walls ≥ 100 mm
✓ CLT (cross-laminated timber constructions) walls ≥ 100 mm
✓ CLT (cross-laminated timber constructions) deck ≥ 140 mm
✓ Sandwich panel walls ≥ 100 mm
✓ Shaft walls ≥ 30 mm



Scan the QR code for detailed information

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Firesafe AS, Robsrudskogen 15, Postboks 6411 Etterstad, NO-0605 Oslo Tel: +47 22 72 20 20. Tel.: +47 09 110. E-mail: firmapost@firesafe.no

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Packaging:

FIRESAFE / FSC	Dimensions	Box inner	Box outer	Pallet	Item no.
Roll (174 sections)	2610 x 30 x 12 mm	1 pc.	8 pcs.	384 pcs.	100.207

Accessories included in box	✓ 20 pcs. Multiclips, 30 mm	✓ 20 pcs. Multiscrews 7.5 x 40 mm	✓ 1 pc. Multibits T30

Available accessories provided separately:

Multiclip Set, (contents)	Multiclip Set, (image)	Multiclip Set L, (contents)	Multiclip Set L, (image)
✓ 20 pcs. Multiclip, 30 mm ✓ 20 pcs. Multiscrews 7.5 x 40 mm ✓ 1 pc. Multibit T30		✓ 20 pcs. Multiclip L, 60 mm ✓ 20 pcs. Multiscrews 7.5 x 40 mm ✓ 1 pc. Multibit T30	
Item no.: 802060001		Item no.: 802060002	

Technical data:

FIRESAFE / FSC	EAN code 7070800102405
Condition	Ready to use, universal firestop collar
Colour	Stainless steel colour + internal coating with anthracite colour
Storage temperature during transport	+5 °C to +30 °C
Temperature during application	+5 °C to +50 °C
Shelf life	No expiry date in unopened plastic packaging and at temperatures between +5 °C to +30 °C
Permanent temperature resistance	- 20 °C to +80°C
Reaction to fire	Class E in accordance with EN 13501-1
European approvals	ETA 25/0232. Penetration Seals
Test standards	Tested in accordance with EN 1366-3. Penetration Seals
Product lifespan	Minimum 25 years

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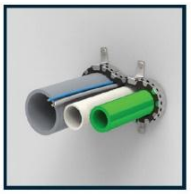

FSC: Consumption table per roll, 2610 mm for plastic pipes and minimum required sections

Diameter pipe Ø [mm]	Consumption number of sections [pcs.]	Number of Multiclips for pipes [pcs.]	Number of Multiclip Large [pcs.]	Number of pipes per roll[pcs.]
16 - 40	15	2	-	11
50	17	2	-	10
56	18	2	-	9
63	19	2	-	9
75	22	2	-	7
80	23	2	-	7
90	25	2	-	6
100	27	3	-	6
110	29	3	-	6
125	32	3	-	5
140	36	3	-	4
160	40	4	-	4
200	48 (x2)	1	5	3 (1,8)
250	59 (x2)	2	5	2 (1,4)
315	72 (x2)	2	6	2 (1,2)

The remaining sections of the FSC roll can easily be connected through the use of the included Multiclips, allowing for maximal utilisation of the material.

Available documents and approvals for FIRESAFE / FSC:

Technical documents
✓ Product data sheet (PDS)
✓ Technical hand book (TDS)
✓ Safety data sheet (SDS)
✓ CE marked
✓ Installation manual

Approvals
✓ Tested in accordance with EN 1366-3
✓ Classification in accordance with EN 13501-2
✓ Certified in accordance with EAD 350454-00-1104
✓ Tested in accordance with NEN 6075 (Smoke resistance)
✓ ETA: 25/0232 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**.

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