

# FIRETIGHT® FIRE STOP

Fire stop / Fire barriere for a fire resistant  
(unventilated) facade system and linear joint seals.



- ✓ Has an extremely high fire resistance (up to 3+ hours)
- ✓ Quick and easy installation
- ✓ Can be accurately dimensioned in advance and can be inspected afterwards
- ✓ Contributes to the facade insulation
- ✓ Follows movements of expansion, shrinkage or wind load of the façade
- ✓ Weatherproof and can be placed during the structural work
- ✓ Designed for easy disassembly and recyclable

# FIRETIGHT®

CONTROLS FIRE

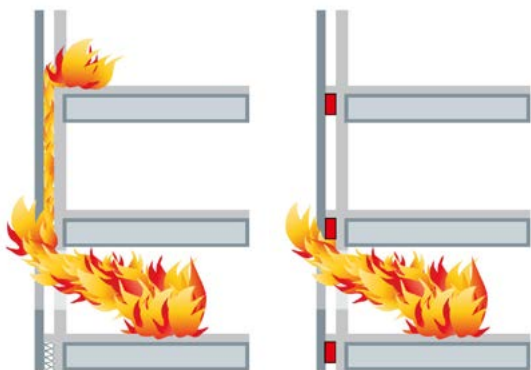
## FIRE STOP

The FIRETIGHT® Fire Stop is a specially designed solution for fireproofing facades in (high-rise) buildings, ensuring the cavity is fire resistant and airtight.



The Fire Stop consists of a vacuum-sealed strip of high-density *Rockwool Premium* wrapped in a PE foil vapor-barrier, with an added intumescent fire-retardant strip. After placing and puncturing the vacuum foil, the wool expands and the Fire Stop completely fills the entire space. The product self-fixates itself in the cavity without the use of fasteners or glue. Designed for easy installation and disassembly.

The FIRETIGHT® Fire Stop is suitable for non-ventilated (curtain wall) facade systems and linear joint seals. For ventilated facades, we recommend the FIRETIGHT® FUSE.



## EASY FIRE COMPARTMENTALIZATION

With FIRETIGHT® Fire Stop, spaces in buildings can be fire-retardant sealed to prevent a potential fire from spreading to adjacent areas (compartmentalization).

The Fire Stop can be used anywhere in a building, where the cavity between floors, walls and facades must be able to withstand a fierce and expanding fire for an extended period.

## FIRE RESISTANCE

FIRETIGHT® Fire Stop has a **fire resistance rating of 3+ hours**

(tested according to EN-13501-2:2016).

The Rockwool stonewool in FIRETIGHT® Fire Stop has the highest fire resistance class (A1).

## AIRBORNE SOUND INSULATION

FIRETIGHT® Fire Stop greatly improves the airborne sound insulation of the construction

(tested according to ISO 10140-2:2021).

Application width	Performance	Classification Norm
40 - 90 mm (single)	EI240-H-M7.5-F-W40-90	EN 1366-4:2006 +A1:2010
40 - 100 mm (double)	EI180-H-M7.5-F-W40-100	EN 1366-4:2006 +A1:2010
40 - 160 mm (double)	EI120-H-M7.5-F-W40-160	EN 1366-4:2006 +A1:2010

The complete fire and sound reports are available upon request.

Modifications are reserved

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Application	Performance	Classification Norm
FIRETIGHT Fire Stop 1450 x 250 x 50 mm	$R_{s,w}(C_{tr})$ (dB)	ISO 717-1:2020
FIRETIGHT Fire Stop expanded	47(0;-2) dB	ISO 717-1:2020
FIRETIGHT Fire Stop expanded + plasterboard one side	51(-1;-4) dB	ISO 717-1:2020
FIRETIGHT Fire Stop expanded + plasterboard two sides	54(-1;-4) dB	ISO 717-1:2020

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## DIMENSIONS

The FIRETIGHT® Fire Stop can be used in cavities with a width of 40 to 160 mm and a depth of 200 mm or more. The application of the Fire Stop is based on the width of the cavity. For a fire-resistant seal, the stone wool must be sufficiently thick to ensure an airtight closure of the gap. The Fire Stop will always be supplied with sufficient excess, depending on the cavity width.

The FIRETIGHT® Fire Stop is available for the following cavity widths:

Dimensions	Cavity width	Cavity width	Cavity width	Cavity width	Unit
1.200 x 250 mm	30 - 40 mm	40 - 55 mm	55 - 65 mm	70 - 80 mm	m1
1.200 x 300 mm	30 - 40 mm	40 - 55 mm	55 - 65 mm	70 - 80 mm	m1
1.200 x 400 mm	30 - 40 mm	40 - 55 mm	55 - 65 mm	70 - 80 mm	m1

For gaps less than 30mm, we advise the FIRETIGHT® Firetape.



### Double use

For wider cavities (up to 160mm), instead of a single row, a double row of Fire Stop can be used to fill the space. A double row of FIRETIGHT® Fire Stop is available for the following cavity widths:

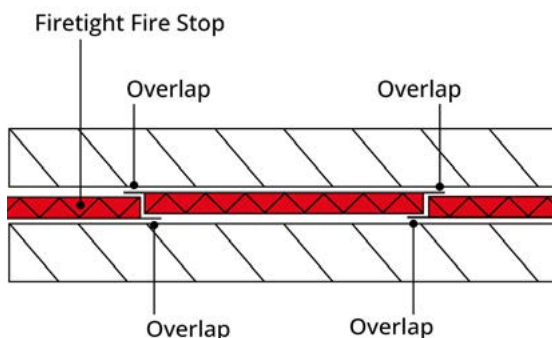
Dimensions	Cavity width	Cavity width	Cavity width	Cavity width	Unit
1.200 x 250 mm	80 - 90 mm	90 - 100 mm	100 - 120 mm	120 - 160 mm	m1
1.200 x 300 mm	80 - 90 mm	90 - 100 mm	100 - 120 mm	120 - 160 mm	m1
1.200 x 400 mm	80 - 90 mm	90 - 100 mm	100 - 120 mm	120 - 160 mm	m1



# INSTALLATION

## SINGLE USE INSTALLATION

- ✓ Place a single FIRETIGHT® Fire Stop in the cavity.
- ✓ Place a second Fire Stop tightly against the first one. Use the foil overlap of the Fire Stop to ensure a good airtight seal at the connection.
- ✓ Puncture the installed Fire Stops with a sharp object to allow them to expand. The product will secure itself within the cavity in seconds. The Fire Stop should be punctured on the side or underside to prevent water ingress.



## DOUBLE USE INSTALLATION

- ✓ Place the FIRETIGHT® Fire Stop alternately in the cavity as shown in the adjacent image. Use the foil overlap of the strip to ensure a good airtight seal at the connection.
- ✓ Cut a fitting piece for the corners.
- ✓ Puncture the installed Fire Stops with a sharp object to allow them to expand. The strips will secure themselves within the cavity in seconds. The Fire Stops should be punctured on the side or underside to prevent water ingress.

