

# FIRETIGHT®

CONTROLS FIRE

## FIRE RESISTANT JOINT SEALS

### DESCRIPTION

FIRETIGHT® by Alert is a patented product to seal joints in building constructions, ensuring they are both fireproof and airtight.

FIRETIGHT® is a vacuum-sealed, high-density mineral wool and comes in a red PE film. FIRETIGHT® contains intumescent layers to assemble the strokes in a fireproof manner and to any desired length.

### APPLICATION

With FIRETIGHT®, rooms can be sealed in a fireproof manner, preventing any potential fire from spreading to adjacent areas. FIRETIGHT® is used (as a firestop) in buildings where all floor, wall and facade connections must withstand fire for a long time, such as high-rise buildings, hospitals, public buildings, etc.

JOINT WIDTH	FIRETIGHT®
40 – 90 mm	Single use
90 – 160 mm	Double use

### INSTALLATION

FIRETIGHT® is placed entirely in the joint. After puncture, the high density mineral wool recuperates immediately and completely fills the cavity. Due to the excess, FIRETIGHT® remains in place without additional measures, with the intumescent layer being positioned correctly at the same time. The film remains in the seam and seals it in an airtight manner. FIRETIGHT® products can easily be placed in a row to fill the complete length of the joint.

### FIRE RESISTANCE

SINGLE ELEMENT	FIRE RESISTANCE	SINGLE ELEMENT (WITH STEEL PLATE)	FIRE RESISTANCE (WITH STEEL PLATE)
40 mm	240 min	40 mm	240 min
90 mm	240 min	90 mm	240 min
DOUBLE ELEMENT	FIRE RESISTANCE	DOUBLE ELEMENT (WITH STEEL PLATE)	FIRE RESISTANCE (WITH STEEL PLATE)
100 mm	180 min	100 mm	240 min
160 mm	180 min	160 mm	180 min

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### ADVANTAGES OF FIRETIGHT®

- has an extremely high fire resistance
- can be precisely dimensioned in advance and can be inspected afterwards
- is airtight (class 2)
- can be quickly and easily installed without the need for additional fasteners
- insulates ( $\lambda$  0.034 W/m.K)
- follow movements of expansion, shrinkage or wind load on the joint
- does not stick and can be removed easily after demolition
- does not rot and is very durable

### PRODUCT INFORMATION

CHARACTERISTICS	DESCRIPTION
Length	Standard 1200 mm*
Width	200 mm
Thickness	1,5x application width
Weight	1 – 4 Kg / m <sup>1</sup>
Density	Minimum of 105 kg/m <sup>3</sup> in application
Fire resistance	2 – 4 hours

\* different sizes available on request

### RECUPERATED FIRETIGHT®



### VACUMIZED FIRETIGHT®

**VISIT FIRETIGHT.COM FOR MORE INFORMATION.**

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