

# VEDAFEU M<sup>©</sup> BLANKETS

“ *Solutions  
 for standard  
 or seismic joints* ”



**FIRESTOP 2H**  
**EI 120**

**MOVEMENTS**  
 SEISMIC up to + 275 %

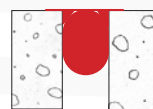
**JOINT WIDTHS**  
 40 to 450 mm

**TESTED  
 CERTIFIED**

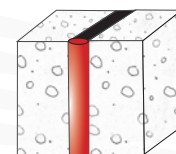
## VEDAFEU M<sup>©</sup> BLANKET STRENGTHS

### CONFIGURATIONS

Tested and certified for horizontal and vertical applications.



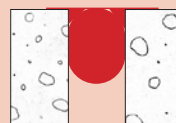
Horizontal configuration



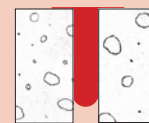
Vertical configuration

### COMPRESSIBILITY

Tested and certified up to - 95%.



Initial joint



With compression

### EXPANSION MOVEMENTS

Tested and certified up to + 275%.



Initial joint



With movement

**SAFE** for the health and the environment.



### APPLICATIONS

Hospitals, industrial buildings, offices, housing, hotels, malls, carparks, schools, train stations, airports, stadiums, etc.



# OFFICIAL CLASSIFICATION

Classification report n° EFR-15-000543 dated 07/11/2016 (renewed on 12/01/2021)

**EI 120 - H - M40 - B - W 40 to 300**  
**EI 120 - V - M50 - B - W 40 to 300**

Other classification reports upon request.

## VEDAFEU M<sup>®</sup> Blankets according to initial joint width

Initial joint width [mm]	100	150	200	250	300
Référence* VEDAFEU M <sup>®</sup>	M100	M150	M200	M250	M300
Conditioning [m]	5				

\*For intermediate gaps, the selection of the reference is conditioned by the following parameters:

- Without movement reduction = use the upper blanket reference.
- With movement reduction = use the lower blanket reference.

Maximum validated gap = initial gap + M50 (50% of initial joint width).

## Installation instructions for joint widths from 40 to 300 mm\*



If necessary, remove formwork material such as polystyrene, honeycomb cardboard, etc. Remove dust, using a brush or a broom.



Apply the VEDACOLLE<sup>®</sup> adhesive on 150 mm depth on both sides of the joint.



Apply the VEDACOLLE<sup>®</sup> adhesive under the wings and on the vertical side of the blanket on a width of 6 cm.



Insert the VEDAFEU M<sup>®</sup> blanket into the joint.



Make the connection according to the installation method provided.



Fix the wings of the blanket to the slab every 20 cm using a pneumatic nailer.



VEDAFEU M<sup>®</sup> blanket after installation.

\*Brief installation instructions. Complete installation method available upon request.

\*\*When applying the VEDACOLLE<sup>®</sup> adhesive, supports must be dry and clean. In case of potential exposure to water and/or weather conditions, the system must be protected by a VED'EPDM<sup>®</sup> membrane.

Two possible installation methods: wings inside of the joint (as shown) / wings outside of the joint.

For installation accessories, please refer to the concerned classification report.

Installation video and method available upon request.



# VEDAFEU M<sup>®</sup> PROPERTIES

## VEDAFEU M<sup>®</sup> firestop blankets COMPRESSIBILITY tests

Réf.	Test	Load F (kN) and VEDAFEU M <sup>®</sup>	Compressibility	Immediate form recovery	After 2 hours form recovery
VEDAFEU M <sup>®</sup> Ø 100	1	90	94 %	28 %	35 %
	2	90	95 %	29 %	34 %
	3	90	96 %	23 %	34 %
<b>AVERAGE</b>			<b>95 %</b>	<b>27 %</b>	<b>34 %</b>
VEDAFEU M <sup>®</sup> Ø 200	1	90	95 %	23 %	31 %
	2	90	93 %	23 %	25 %
	3	90	95 %	20 %	22 %
<b>AVERAGE</b>			<b>94 %</b>	<b>22 %</b>	<b>26 %</b>
VEDAFEU M <sup>®</sup> Ø 300	1	90	94 %	20 %	25 %
	2	90	94 %	21 %	28 %
	3	90	95 %	25 %	28 %
<b>AVERAGE</b>			<b>94 %</b>	<b>22 %</b>	<b>27 %</b>



Results of test report n° MRF 13 26044661 dated 06/06/2014 (available upon request).

## VEDAFEU M<sup>®</sup> THERMAL Properties

In accordance with the Thermal Regulation RT 2012

Thermal resistance	M100	M150	M200	M250	M300	-	ASTM D5930
	3,12	3,30	3,51	3,74	4,01	m <sup>2</sup> .K/W	



Results of test report n° RA.20.47.GA-M dated 19/11/2020 (available upon request).

## VEDAFEU M<sup>®</sup> ACOUSTIC Properties

In accordance with the NRA 2012 (acoustic regulations)

Sound attenuation	M100	M300	-	EN ISO 717-1
	32	34	dB	



Sound attenuation (dB) depending on diameter of rope (mm).

Results of test reports BEB2-K.6046 du 29/10/2020 (available upon request).

