

# VEDAFEU N20<sup>®</sup> BLANKETS

**WITHOUT MECHANICAL FIXING**

“ *Solutions for wide expansion joints* ”



**FIRESTOP  
UP TO 4H\* EI 240**

**MOVEMENT CYCLES  
50%**

**JOINT WIDTHS  
100 to 300mm**

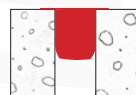
\*3 hours for horizontal application.

**TESTED  
CERTIFIED**

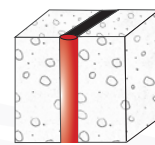
## VEDAFEU N20<sup>®</sup> BLANKET STRENGTHS

### CONFIGURATIONS

Tested and certified for horizontal and vertical applications.



Horizontal configuration



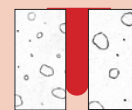
Vertical configuration

### COMPRESSIBILITY

Tested and certified up to **92%**.



Initial joint



With compression

**EASY** to handle and to install.



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



### APPLICATIONS

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



## OFFICIAL CLASSIFICATION

Classification report n° EFR-22-001318 dated 05/04/2022

**EI180 - H - X - B - W 100 to 300**

**EI240 - V - X - B - W 100 to 300**

Refer to classification report or ETA for types and thicknesses of supports validated.



European Technical Assessment: ETA 23/0091.  
Declaration of performance: N° N20-23/0091



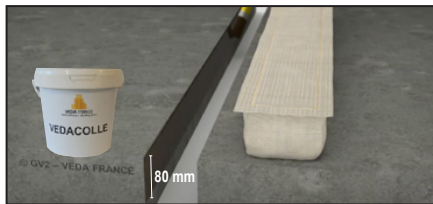
## VEDAFEU N20<sup>®</sup> Blankets according to initial joint width

| Initial joint width [mm]           | 100     | 150     | 200     | 250     | 300     |
|------------------------------------|---------|---------|---------|---------|---------|
| Reference VEDAFEU N20 <sup>®</sup> | N20-100 | N20-150 | N20-200 | N20-250 | N20-300 |
| Conditioning [m]                   | 5       |         |         |         |         |

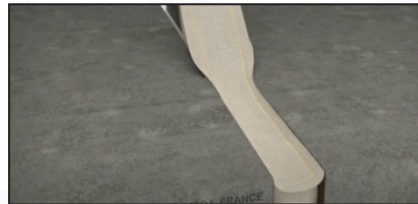
### Installation instructions for joint widths from 100 to 300mm\*



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 80mm depth on both sides of the joint. Use approx 1kg/ml of VEDACOLLE<sup>®</sup>.



Insert the blanket VEDAFEU N20<sup>®</sup> into the joint before the adhesive dries.



To splice two lengths of blanket, apply adhesive on the extremity of both blankets before compressing them together.



Put VEDAFEU linking material around the junction and seal it with some VEDACOLLE<sup>®</sup> adhesive.



VEDAFEU N20<sup>®</sup> Blanket is installed.

\*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.

For installation accessories, approved concrete supports and thicknesses, please refer to the concerned classification report.

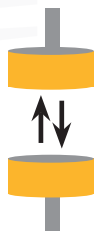
The quantities needed for the VEDAFEU installation are indicated in the classification report and in our installation method.

Installation video and method available upon request.

## VEDAFEU N20<sup>®</sup> PROPERTIES

### VEDAFEU N20<sup>®</sup> firestop blankets COMPRESSIBILITY tests

| Reference VEDAFEU N20 <sup>®</sup> | Compressibility |
|------------------------------------|-----------------|
| N20-100                            | 87%             |
| N20-200                            | 92%             |
| N20-300                            | 89%             |



Results of test report n° DSSF 23-24041 dated 22/02/2024 (available upon request).

### VEDAFEU N20<sup>®</sup> MOVEMENT CYCLES tests

| Reference VEDAFEU N20 <sup>®</sup> | VEDAFEU N20-100 | VEDAFEU N20-200 | VEDAFEU N20-300 |
|------------------------------------|-----------------|-----------------|-----------------|
| Initial joint width (mm)           | 100             | 200             | 300             |
| Maximum gap (mm)                   | 150             | 300             | 450             |
| Minimum gap (mm)                   | 50              | 100             | 150             |
| Number of cycles                   | 500             |                 |                 |

Results of test report n° DSSF 20-00179 dated 10/05/2022 (available upon request).

