

VEDAFEU N20[®] BLANKETS

WITHOUT MECHANICAL FIXING

“ *Solutions for wide expansion joints* ”



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

**SEISMIC MOVEMENT
CYCLES +50%**

**JOINT WIDTHS
50 to 300mm**

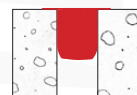
*3 hours for horizontal application.

**TESTED
CERTIFIED**

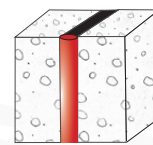
VEDAFEU N20[®] BLANKET STRENGTHS

CONFIGURATIONS

Tested and certified for horizontal and vertical applications.



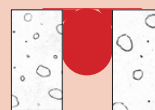
Horizontal configuration



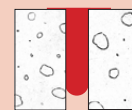
Vertical configuration

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

EI180 - H - X - B - W 50 to 300

EI240 - V - X - B - W 50 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



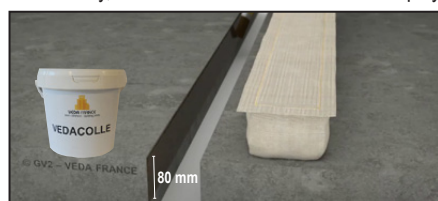
VEDAFEU N20[®] Blankets according to initial joint width

Initial joint width [mm]	50-75	100	120	150	180	200	220	250	280	300
VEDAFEU N20 [®]	N20-75	N20-100	N20-120	N20-150	N20-180	N20-200	N20-220	N20-250	N20-280	N20-300
VEDAFEU linking piece length [mm]	475	550	610	700	790	850	910	1010	1090	1150
Conditioning [lm]	5									

Installation instructions for joint widths from 50 to 300mm*



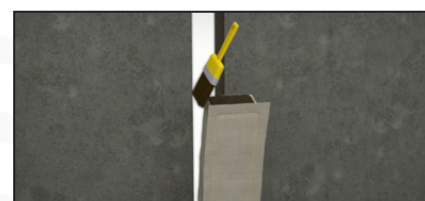
If necessary, remove formwork material such as polystyrene, honeycomb cardboard, etc. Remove dust, using a brush or a broom.



Apply the VEDACOLLE[®] adhesive on 80mm depth on both sides of the joint. Use approx 1kg/ml of VEDACOLLE[®].



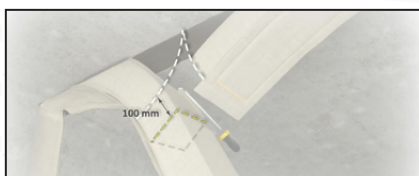
Insert the blanket VEDAFEU N20[®] into the joint before the adhesive dries.



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[®] adhesive.



If you need to cut a length of blanket, cut it with a rock wool knife, push the wool back, close the blanket with staples, then connect using the method described previously.



VEDAFEU N20[®] Blanket is installed.

*Brief installation instructions. Complete installation method available upon request. **When applying the VEDACOLLE[®] 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[®] 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[®] PROPERTIES

VEDAFEU N20[®] firestop blankets COMPRESSIBILITY tests

VEDAFEU N20 [®]	Compressibility
N20-100	87%
N20-200	92%
N20-300	89%



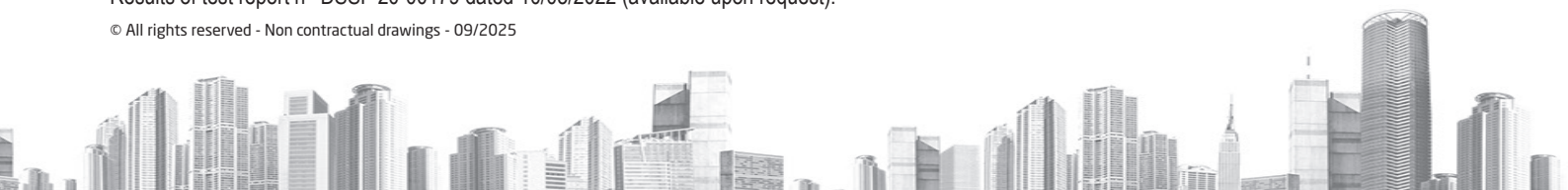
Results of test report n° DSSF 23-24041 dated 22/02/2024 (available upon request).

VEDAFEU N20[®] MOVEMENT CYCLES tests

VEDAFEU N20 [®]	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).

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DECLARATION OF PERFORMANCE VEDAFEU N20 No. N20-23/0091

According to Annex III of the regulation EU No. 305/2011

1. **Product name:** Firestop blankets VEDAFEU N20.
VEDAFEU N20-100, VEDAFEU N20-150, VEDAFEU N20-200, VEDAFEU N20-250, VEDAFEU N20-300.
2. **Expected Usage:** Fire compartmentation and/or fire protection for linear joint seals horizontal and vertical with static elements.
3. **Manufacturer:** GV2 VEDA FRANCE
CS63052
95972 – ROISSY CDG CEDEX
T: +33 1 48 61 60 80
E: contact@vedafrance.com
W: www.vedafrance.com
4. **AVCP System:** Assessment and Verification of Constancy and Performance: System 1
5. **Documents:** European Assessment Document: EAD 350141-00-1106 (2017)
European Technical Assessment: ETA-23/0091 of 4th of March 2023

Technical Assessment Body:

ITC, Pražská 16, 102 00 Prague, Czech Republic (TAB No. 1023)

Certificate of Product Constancy: 1812-CPR-2080

Notify bodies: EFECTIS France (NB. No. 1812) Route de l'Orme des Merisiers, 91193 SAINT AUBIN France



VEDA TECHNIK

Joints de dilatation - Systèmes coupe-feu

est une marque de GV2 - VEDA FRANCE



GV2 - VEDA FRANCE

20, Allée des Erables - Bât. E - 93420 Villepinte - France

Adresse Postale

CS 63052 - 95972 Roissy CDG Cedex

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Tél : + 33 (0)1 48 61 70 80

Fax : + 33 (0)1 48 61 70 81

E-mail : contact@vedafrance.com

Web : www.vedafrance.com - www.vedatechnik.com

6. Declared Performance:

Joint gap:	From 60 mm to 300 mm (ETA Table 3 p.4)
Supports:	Reinforced concrete structure (≥ 2200 kg/m ³)
Fire resistance:	From EI 180 to EI 240 (ETA p.12)
Durability:	Y1
Movement capability:	VEDAFEU N20-100 : Pass VEDAFEU N20-200 : Pass VEDAFEU N20-300 : Pass

7. Specific Technical Documentation:

The performance of the product identified above is in conformity with the set of declared performances.

This declaration of performance is issued, in accordance with Regulation (EU) No 305/2011, under the sole responsibility of the manufacturer identified above (See article 3).

Signed for and on behalf of the manufacturer by:



Loïc Randé

Technical Director

Villepinte, 04/01/2023