



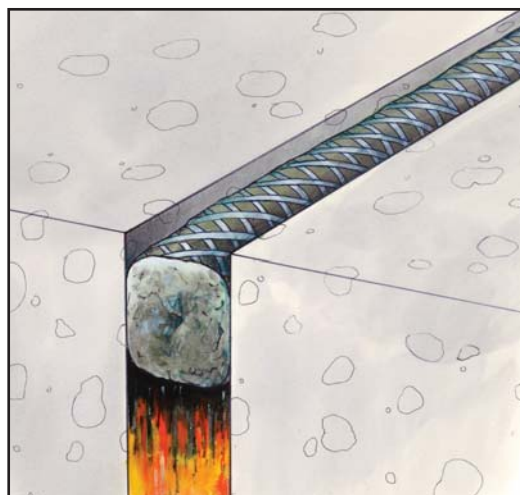
VEDAFEU C fire stop backer rods

For standard and seismic joints, officially tested and approved
for joint widths from 10 to 200 mm

VEDAFEU C FIRE STOP BACKER RODS

- For joint widths from 10 to 120 mm included, with or without sealant, with or without joint cover, with or without waterproofing system. Officially rated EI 240 minutes without failure.
- For joint widths from 120 to 200 mm included, without sealant, with joint cover. Officially tested EI 240 minutes without failure.

Tests carried out according to latest European legislation
for horizontal and vertical joints.





INTRODUCTION

The VEDAFEU C fire stop backer rods are made of compressible, non combustible, binder free, mineral fibres overbound with glass fibre yarn. They are supplied as highly flexible, moisture, fungus and micro-organisms resistant, cylindrical backer rods. Resistant to water and humidity, as well as to most aggressive chemicals except hydrochloric acid and concentrated alkalis. VEDAFEU C is free from asbestos and ceramic.

The VEDAFEU C systems comply with the latest European Legislation and Standards : BS United Kingdom – NF France – DIN Germany - UNE Spain - UNI Italy - NEN Netherlands, etc.

- European Classification Standard EN 13501-2 (May 2004)
- European Test Method Standard EN 1366-4 (Novembre 2006 + A1 from June 2010)
- Decree of the French Ministry of Interior dated March 2004, 22nd

Certificate n° RS 08-162/A dated March 26th 2009, updated May 4th 2011 and valid until December 15th 2015 for horizontal applications. The Certificate n° 11-A-441 dated July 25th 2011, valid until July 25th 2016, covers vertical applications.

All the VEDAFEU C systems for initial joint widths from 10 to 200 mm have been tested without any sealant and with a lateral movement of + 20 % during testing.

All the VEDAFEU C systems are rated EI 240 which means that they successfully stopped gaz and flames, and guaranteed thermal protection during the maximum duration of the test without failure : 240 minutes or 4 hours. This is the highest possible rating as per latest European Standard 13501-2 and 1366-4.

The VEDAFEU C fire stop backer rods have also been tested for their acoustic properties, compressibility etc... Please refer to the concerned specific data sheet.

Economical and easy to install, the VEDAFEU C fire stop backer rods are available from stock in the range of 12 mm to 180 mm diameters, and are suitable for joint widths from 10 to 200 mm. For initial joint widths ≥ 120 mm, we have developed some unique, innovative and patented blankets. Please refer to VEDAFEU N blanket data sheet for further details.

APPLICATIONS

- The VEDAFEU C fire stop backer rods systems are used for horizontal and vertical structural movement joints in floors, walls, ceilings, precast panels joints, heads of walls, between curtain walls and horizontal slabs, etc..
- For fire-stop walls, sheathing passways and conduits
- The VEDAFEU C fire stop backer rod systems efficiently protect all types of buildings and civil works : hospitals, schools, airport terminals, malls and shopping centres, skyscrapers, hotels, car parks, stadiums, etc.

INSTALLATION OF VEDAFEU C FIRE STOP BACKER ROD

According to the Classification Certificate n° RS08-162/A, the installation of VEDAFEU C fire stop backer rods depends on the initial width of the joints.

For joints with an initial width from 10 mm to ≤ 120 mm, follow instructions as per Installation Method n° 1

For joints with an initial width from 120 mm to ≤ 200 mm, follow instructions as per Installation Method n° 2

Installed as per instructions, the VEDAFEU C systems ensure a perfect flame barrier and thermal insulation without sealant or complementary protection.

WATERPROOFING - PROTECTION

Exposed joints in floors, walls and ceilings usually require additional protection.

Watertightness will be obtained by filling in the exposed part of the joint with VEDAFLEX SIL silicone or VEDAFLEX PU polyurethane sealants, or by any other means like our special EPDM waterproofing membrane.

A mechanical protection will be obtained by installing a suitable joint cover, especially designed for floors, walls or ceilings.

*According to part Q of the European guideline n° 97/69/CE,
VEDAFEU C fire stop backer rods are not classified hazardous for human health.*