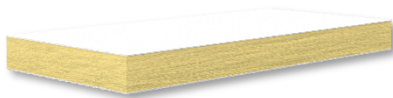




# FP320 FIRE BATT

## COATED FIRE RETARDANT STONE WOOL BOARD

TECHNICAL SHEET 22/08/2025



### KEY FEATURES

- CE-marked
- Classified for all types of constructions
- Up to 4-hour fire resistance
- High sound insulation
- Very quick and easy to install
- Permanently flexible

### DESCRIPTION

Bostik FP320 Fire Batt is a high density stone wool board over-coated with Bostik FP312 Fire Retardant Coating, designed to maintain the fire resistance of separating walls and floors where they are breached by single or multiple building services. The top coating provides additional protection by significantly reducing the permeability of the stone wool core and prevents the passage of hot gases, thus reducing the temperature rise on the unexposed side and reducing heat conduction through building services.

### APPLICATIONS

Bostik FP320 Fire Batt is designed to prevent the spread of fire and smoke through openings in fire rated walls and floors where openings are formed to allow the installation of multiple building services. Bostik FP320 Fire Batt will also maintain the acoustic design performance in walls and floors. On site, Bostik FP320 Fire Batt must be used together with Bostik FP310 Intumescent Acoustic Acrylic for sealing around building services and the surrounding construction.

### FEATURES

- Certified to the latest European standards EN 1366-3
- CE marked to EAD 350454-00-1104
- Classified for all types of constructions with or without

- building service penetrations
- Simple and very quick to install
- Easy to retrofit additional building services after installation
- Permanently flexible, will accommodate movements during fire and smaller movements in the construction it has been fitted within
- Suitable for most surfaces, including concrete, bricks, masonry, steel, wood, gypsum board, glass, plastic and most non-porous surfaces
- May be used in unlimited lengths in walls with heights up to 1200mm and in floors with widths up to 800mm
- May be installed in gypsum walls with or without framing around the opening
- Paintable with most water based and synthetic paints
- Once fully cured, the batt resists UV, humidity and frost
- Unlimited storage time (under correct conditions)
- Halogen free with added fungicides

### METHOD OF USE

Before installing FP320 Fire Batt ensure that the surfaces is clean, free from dirt, grease and other contamination. Cut the required batt(s) to suit the aperture dimensions and type and size of service penetration(s). All exposed and cut edges of the board can be sealed with Bostik FP312 Fire Retardant Coating or Bostik FP310 Intumescent Acoustic Acrylic prior to fitting which will act as an adhesive and ensure a smoke tight seal. All joints, gaps or imperfections in the installed seal must be filled with Bostik FP310 Intumescent Acrylic on both sides. Before application consult the installation instructions and ETAs to ensure to achieve the intended fire resistance.

### LIMITATIONS

- As Bostik FP310 Intumescent Acoustic Acrylic and Bostik FP312 Fire Retardant Coating are water based, in cases where corrosion protection is a problem, some metals may require a barrier between the seal and the surface prior to this installation.
- If the boards are to be used in permanently humid areas FP312 Fire Retardant Coating should be applied over the sealant.
- Suitable for use with most materials, but should not be used in direct contact with bituminous materials.
- Minimum separations and limitations:

An aperture can include several services, and they may also be

different. The minimum permitted separation between adjacent seals/apertures is 200 mm. Services should be a minimum of 25 mm from seal edges. Services within the system Bostik FP320 Fire Batt seal do not require a minimum separation, except where Bostik FP340 Pipe Wraps are used, which should be a minimum of 30 mm from other services in the aperture. The total amount of cross sections of services (including insulation) should not exceed 60 % of the penetration area. Bostik FP320 Fire Batt seals which involve services penetrating both sides of a flexible wall may also be used in the situation where the service penetrates one side of the wall only and the remaining side of the wall is not penetrated at the same point (i.e. the services continues on the inside of the wall).

Supporting constructions: Flexible walls must have a minimum thickness of 75 mm and comprise steel studs or timber studs\*) lined on both faces with minimum 1 layer of 12.5 mm thick boards. Timber walls must have a minimum thickness of 100 mm and comprise solid wood or cross laminated timber. Rigid walls must have a minimum thickness of 75 mm and comprise concrete, aerated concrete or masonry, with a minimum density of 650 kg/m<sup>3</sup>. Rigid floors must have a minimum thickness of 150 mm and comprise aerated concrete or concrete with a minimum density of 650 kg/m<sup>3</sup>. Timber floors must have a minimum thickness of 150 mm and comprise solid wood or cross-laminated timber. The supporting construction must be classified in accordance with EN 13501-2 for the required fire resistance period. Services in floors should be supported at maximum 250 mm from the top face. Services in walls should be supported at maximum 270 mm from both faces of the wall.\* )

Timber studs: no part of the penetration seal may be closer than 100 mm to a stud, and minimum 100 mm of insulation of class A1 or A2 according to EN 13501-1 must be provided within the cavity between the penetration seal and the stud.

#### CERTIFICATION / TEST REPORTS

- ETA 21/0418
- UL-EU certificate
- A+ French VOC Regulation
- M1 certificate
- LEED certificate

#### SOUND INSULATION

Single 50mm Bostik FP320 Fire Batt 55 dB.

Bostik FP320 Fire Batt has been tested according to EN ISO 10140-2:2010.

#### STORAGE STABILITY

Store in temperatures between +5 and +30°C. Shelf life is almost unlimited stored under normal conditions.

#### FURTHER INFORMATION AVAILABE ON REQUEST

- Installation instructions FP320 Fire Batt

#### TECHNICAL DATA

<b>Base</b>	Stone wool with coating
<b>Flash poin</b>	None
<b>Reaction to fire</b>	Class DS1, D0
<b>Installation temperature</b>	+5°C to +50°C
<b>Technical Approval</b>	EAD 350454-00-1104
<b>Density</b>	Board 160 kg/m <sup>3</sup> , coating 1.35 g/ml
<b>Colour</b>	White surface, yellow core
<b>Movement capability</b>	Medium, 12.5%
<b>Thermal conductivity</b>	0,038 W/mK
<b>Durability</b>	Type Y1: intended for use at temperatures below 0°C with exposure to UV and moisture but no exposure to rain. Includes lower classes Y2, Z1, Z2.
<b>Working life</b>	Minimum 25 years if conditions are met
<b>Dimensions &amp; Article number</b>	50x600x1200mm / 30614782 60x600x1200mm / 30616370
<b>Per pallet</b>	50mm thickness: 80 pieces 60mm thickness: 72 pieces

#### DISCLAIMER

Bostik offers this Technical Data Sheet ("TDS") for descriptive and informational use only. It is not a warranty, a contract or a substitute for expert or professional advice. Please also see the local product Safety Data Sheet for health and safety considerations.

The statements, technical information, data, and recommendations contained in this TDS are provided 'AS IS' and are not warranted or guaranteed in any way. They represent typical results for the products and are based on Bostik's research only. Since the conditions and methods of use of the products are beyond our control, Bostik expressly disclaims any and all liability and damages of whatever kind or nature that may arise from any use of the products, the results therefrom, or reliance on the information contain herein.

**Bostik Bostik Benelux BV**  
Denariusstraat 11  
4903 RC Oosterhout  
T: +31 (0) 162 491000  
[www.bostik.com](http://www.bostik.com)

**BOSTIK HOTLINE**

Smart help +31 (0) 162 491000

