

# FP 320 Fire Batt

## COATED FIRE RETARDANT STONE WOOL BOARD

### ADVANTAGES

- 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

### PRODUCT

Bostik FP 320 Fire Batt is a high density stone wool board over-coated with Bostik FP 312 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 FP 320 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 FP 320 Fire Batt will also maintain the acoustic design performance in walls and floors. On site, Bostik FP 320 Fire Batt must be used together with Bostik FP 310 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 ETAG 026-2
- 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
- A+ French VOC Regulation

### METHOD OF USE

Before installing FP 320 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 FP 312 Fire Retardant Coating or Bostik FP 310 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 FP 310 Intumescent Acrylic on both sides.

Before application consult the installation instructions and ETAs to ensure to achieve the intended fire resistance.

## SOUND INSULATION

Single 50mm Bostik FP 320 Fire Batt 55 dB

Bostik FP 320 Fire Batt has been tested according to EN ISO 10140-2:2010.

## LIMITATIONS

- As Bostik FP 310 Intumescent Acoustic Acrylic and Bostik FP 312 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.

- An aperture can include several services, and they may also be different. The minimum permitted separation between adjacent seals/apertures is 200mm. Services should be a minimum of 25mm from seal edges. Services within the system Bostik FP 320 Fire Batt seal do not require a minimum separation, except pipes where combustible pipe insulation penetrates the seal and plastic pipe penetrations which should be a minimum of 30mm from other services in the aperture. The total amount of cross sections of services (including insulation) should not exceed 60% of the penetration area.

- Flexible walls must have a minimum thickness of 75mm and comprise steel studs or timber studs lined on both faces with minimum 1 layer of 12.5mm thick boards. Rigid walls must have a minimum thickness of 75mm and comprise concrete, aerated concrete or masonry, with a minimum density of 650kg/m<sup>3</sup>. Rigid floors must have a minimum thickness of 150mm and comprise aerated concrete or concrete with a minimum density of 650 kg/m<sup>3</sup>. The supporting construction must be classified in accordance with EN 13501-2 for the required fire resistance period.

- Suitable for use with most materials, but should not be used in direct contact with bituminous materials.

## STORAGE STABILITY

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

## FURTHER INFORMATION

Available on request:

- Material safety data sheet
- Installation instructions FP 320 Fire Batt
- ETA 19/0392

Technical data	
Base	Stone wool with coating
Flash point	None
Installation temperature	+5°C to +50°C
Technical Approval	ETAG 026-2
Density	Board 160 kg/m <sup>3</sup> , coating 1.35 g/ml
Colour	White surface, yellow core
Movement capability	Medium, 12.5%
Dimensions & Article number	50x600x1200mm / 30614782 60x600x1200mm / 30616370
Per pallet	50mm thickness: 80 pieces 60mm thickness: 72 pieces

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Smart help

