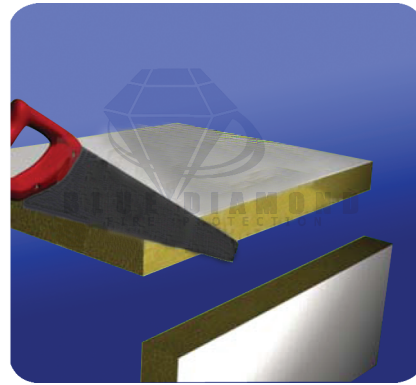


Scan the QR
to download
a copy



Fire Batt - BD-B50





Product name	Fire Batt
Product Code	BD-B50
Revision Date	30/01/2016
Revision number	02



INTRODUCTION

Fire Batt and Pyrocoustic® Sealant are designed to prevent the passage of fire and smoke between compartment walls and floors built from masonry, composite partition or plasterboard whilst still allowing the installation of services. The product is tested to EN1366-3 and BS476 pt 20/22 giving a fire resistance and smoke barrier for up to 240 minutes.

The Fire Batt has a 1200mm x 600mm x 50mm >140kg/m³ stone fibre core coated with PS® Coating on both sides or 1 side depending on requirements. At normal temperatures, the Fire Batt installed with Pyrocoustic® Sealant remains flexible to permit thermal and mechanical movement of the services. Both products are unaffected by oil, fungus, moisture and contain no halogens or asbestos.

COAT BACK OF SERVICES IS NOT REQUIRED

The advantages of the Fire Batt and Coating are as follows:

- Fire Resistant testing to EN 1366-3 EI 60 E 90, BS 476 - 240mins.
- Fire Classification to EN 13501-2.
- Certifire 3rd Party Accreditation CF513.
- IET (IEE) 17th Edition Fire Stop Compliant to Regulation 527.1-3 - Electrical Installations.
- BS 7671-2008 Chapter 42 & 52 - Electrical Installations Fire Resistance.
- Fire resistance tested in flexible walls, rigid walls & floors, composite panel, CLT wall and Durasteel wall.
- Air Permeability testing to EN 1026 to 600Pa.
- Acoustic Isolation testing to EN 10140 up to 60dB.
- Suitable for indoor use without additional environmental protection.
- Remains flexible between -5°C to +70°C.
- Easy to use fibre free sealant.
- Fire Batt standard 50mm thickness gives 4 hours fire and smoke barrier and up to 2 hours insulation.
- Life expectancy of over 25 years.
- Suitable for large openings in walls and floors with additional supports.
- Contributes to Green Building.





SPECIFICATION

Dimensions	1200mm x 600mm x 50mm
Stone Fibre Density	> 140Kg/m ³
Coating Thickness	1mm Nominal, 2.2kg wet film coating
Fire Resistance	4 hours – EN 1366-3; EN 1363-1 EN 13501-2, BS 476 pt 20/22
Insulation (Single Batt)	142 minutes on seal face, EI 60, E 90
Insulation (Double Batts)	264 minutes on seal face
Acoustic Performance	Acoustic Reduction up to 48Rw, 60DnTw(Double 50mm Batt) EN 10140 Acoustic Reduction of 24Rw, 38DnTw (Single 50mm Batt) EN 10140
Air Permeability	600Pa EN 1026 - 100Pa 1.8/1.4 m ³ /h/m ²
Thermal Conductivity (U Value)	0.034 W/mK at 10°C
Pyrocoustic® Sealant coverage	2.15kg Spread, 2.20kg Spray
Maximum Size of Seal	Wall 5.76m ² , Floor 2.88m ²
Maximum Size – Unsupported	2880 x 1440mm (with services) 1200 x 1200mm (no services)
Maximum Size - Plasterboard	2400 x 1200mm
Maximum Size - Unsupported Floor	1600 x 700mm
Mechanical support	30mm x 30mm x 1.6mm steel angle



INSTALLATION

Installation details and technical support are available from Blue Diamond technical department or on the internet at www.bluediamondfireprotection.com

- Use rubber gloves and protection to avoid skin and eye contact.
- Cut Batt to suit the opening.
- Apply PS® Coating or Pyrocoustic® Sealant to cut surface and the mating substrate.
- Assemble batt into the opening in as fewer pieces as possible.
- Fill large voids with off cuts of Batt.
- Apply PS® Coating or Pyrocoustic Sealant from the cartridge/pail to close any visible opening.
- Maintain record of installation.
- Should there be a clear opening (no services) greater than 1200mm x 1200mm a steel support system should be used.

For further information see Installation Manual.





COMPLIANCE

Fire Batt, PS® Coating and Pyrocoustic® Sealant are manufactured in the EU, meeting the highest quality standard in compliance with BS EN ISO 9001:2008. For fire test certification contact Blue diamond technical department. CERTIFIRE No. CF513



STORAGE AND DISPOSAL

Fire Batt is may not be affected by an outdoor environment. However, for long term storage and ease of installation it is recommended that it should be stored indoors, ideally in dry conditions. Ideal storage temperature between -5°C and +30°C. For health and safety details refer to Blue diamond technical department.



ENVIRONMENT

Blue diamond contribute to Green Building by having a manufacturing policy of 100% recycle and 0% landfill for all products. Fire Batt contributes to a Green Building :-

Low VOC (air quality).

No Power Tools required for installation (no energy source required).

Dust free.

Low Ozone Depletion Potential (ODP).

Low Global Warming Potential (GWP).

Smoke and Air Tightness.

Noise Reduction.

Thermal Insulation.

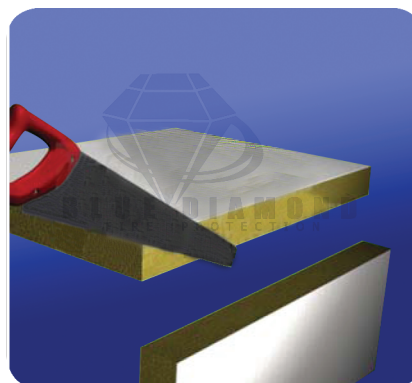
Recycling of Packaging.

Avoidance of Air Filtration.

Core being manufactured in accordance with ISO14001.

The life cycle of Stopseal Fire Batts is over 10 years.





Product name	Batt
Product Code	BD-B50
Revision Date	30/01/2016
Revision number	01

Section 1: Identification of the substance/mixture and of the company / undertaking



1.1 Product identifier

Product name	Batt
Product Code	BD-B50



1.2. Relevant identified uses of the substance or mixture and uses advised against



1.3. Details of the supplier of the safety data sheet

Company Name	Blue Diamond Fire Protection Al Quoz -1, P.O.Box: 25468 Dubai - UAE
Tel	(00971) 4 340 3700
Fax	(00971) 4 340 5122
Email	bluedbc@eim.ae



1.4. Emergency telephone number

Section 2: Classification of the substance or mixture



2.1. Classification of the substance or mixture

Classification under CHIP	This product has no classification under CHIP
Classification under CLP	This product has no classification under CLP



2.2. Label elements

Label elements	This product has no label elements
----------------	------------------------------------



2.3. Other hazards

PBT | This product is not identified as a PBT substance

Section 3 Composition/information on ingredients



3.2. Mixtures

Section 4: First aid measures



4.1. Description of first aid measures

Skin contact	Wash immediately with plenty of soap and water
Eye contact	Bathe the eye with running water for 15 minutes
Ingestion	Wash out mouth with water
Inhalation	Consult a doctor



4.2. Most important symptoms and effects, both acute and delayed

Skin contact	There may be mild irritation at the site of contact
Eye contact	There may be irritation and redness
Ingestion	There may be irritation of the throat
Inhalation	There may be irritation of the throat with a feeling of tightness in the chest
Delayed / immediate effects:	Immediate effects can be expected after short-term exposure.



4.3. Indication of any immediate medical attention and special treatment needed

Immediate/special treatment | Not applicable

Section 5: Fire-Fighting measures



5.1. Extinguishing media

Extinguishing Media | Suitable extinguishing media for the surrounding fire should be used.



5.2. Special hazards arising from the substance or mixture

Exposure hazards | In combustion emits toxic fumes



5.3. Advice for fire-fighters

Advice for fire-fighters | Wear self-contained breathing apparatus. Wear protective clothing to prevent contact with skin and eyes.

Section 6: Accidental release measures



6.1. Personal precautions, protective equipment and emergency procedures

Personal precautions | Refer to section 8 of SDS for personal protection details.



6.2. Environmental precautions

Environmental | Do not discharge into drains or rivers.



6.3. Methods and materials for containment and cleaning up

Clean-up procedures | Wash the spillage site with large amounts of water



6.4. Reference to other sections

Reference to other sections | Refer to section 8 of SDS

Section 7: Handling and storage



7.1. Precautions for safe handling

Handling requirements | Avoid the formation or spread of dust in the air



7.2. Conditions for safe storage, including any incompatibilities

Storage conditions | Store in cool, well ventilated area.



7.3. Specific end use(s)

Specific end use(s) | No data available

Section 8: Control parameters



8.1. Control parameters

Workplace exposure limits | No data available



8.1. DNEL/PNEC

DNEL/PNEC	No data available
------------------	-------------------



8.2. Exposure controls

Engineering measures	Ensure there is sufficient ventilation of the area
Respiratory protection	Respiratory protective device with particle filter
Hand protection	Protective gloves
Eye protection	Safety glasses. Ensure eye bath is to hand
Skin protection	Protective clothing

Section 9: Physical and chemical properties



9.1. Information on basic physical and chemical properties

State	Solid
Odour	Odourless



9.2. Other information

Other information	No data available
--------------------------	-------------------

Section 10: Stability and reactivity



10.1. Reactivity

Reactivity	Stable under recommended transport or storage conditions
-------------------	--



10.2. Chemical stability

Chemical stability	Stable under normal conditions
---------------------------	--------------------------------



10.3. Possibility of hazardous reactions

Hazardous reactions	Hazardous reactions will occur under normal transport or storage conditions. Decomposition may occur on exposure to conditions or materials listed below.
----------------------------	---



10.4. Conditions to avoid

Conditions to avoid	Heat
----------------------------	------

**10.5. Incompatible materials**

Materials to avoid | Strong oxidising agents. Strong acids

**10.6. Hazardous decomposition products**

Haz. decomp. products | In combustion emits toxic fumes

Section 11: Toxicological information**11.1. Information on toxicological effects**

Toxicity values | No data available

**Symptoms/routes of exposure**

Skin contact | There may be mild irritation at the site of contact

Eye contact | There may be irritation and redness

Ingestion | There may be irritation of the throat

Inhalation | There may be irritation of the throat with a feeling of tightness in the chest

Delayed / immediate effects | Immediate effects can be expected after short-term exposure

Section 12: Ecological information**12.1. Toxicity**

Ecotoxicity values | No data available

**12.2. Persistence and degradability**

Persistence and degradability | Biodegradable

**12.3. Bioaccumulative potential**

Bioaccumulative potential | No bioaccumulation potential

**12.4. Mobility in soil****12.5. Results of PBT and vPvB assessment**

PBT identification | This product is not identified as a PBT substance



 **12.6. Other adverse effects**

Other adverse effects | Negligible ecotoxicity

Section 13: Disposal considerations

 **13.1. Waste treatment methods**

Disposal operations | Transfer to a suitable container and arrange for collection by specialised disposal company

NB | The user's attention is drawn to the possible existence of regional or national regulations regarding disposal

Section 14: Transport information

Transport class | This product does not require a classification for transport

Section 15: Regulatory information

 **15.1. Safety, health and environmental regulations/legislation specific for the substance or mixture**

 **15.2. Chemical Safety Assessment**

Section 16: Other information

 **Other information**

Other information | This safety data sheet is prepared in accordance with Commission Regulation (EU) No 453/2010.
* indicates text in the SDS which has changed since the last revision.

Legal disclaimer | The above information is believed to be correct but does not purport to be all inclusive and shall be used only as a guide. This company shall not be held liable for any damage resulting from handling or from contact with the above product.



BLUE DIAMOND
FIRE PROTECTION

www.bluediamondfireprotection.com
Blue Diamond Fire Protection
Al Quoz -1, P.O.Box: 25468
Dubai - UAE

Tel: +971 4 340 3700
Fax: +971 4 340 5122
Email: bluedbc@eim.ae