

Product name	Stopseal® Fire Batt
Product Code	T1250DP
Revision Date	25/05/09
Revision number	01
Ref	PDS SSBATT

**INTRODUCTION**

Firestopit Stopseal® Fire Batt and Stopseal® Sealant are designed to prevent the passage of fire and smoke between compartment walls and floors whilst still allowing the insulation of services. The product is tested to BS476 pt 20/22 and prBN1366 pt 3 giving a fire and smoke barrier for 4 hours.

The Stopseal® Fire Batt has a 1200mm x 600mm x 50mm 160kg/m³ stone fibre core coated with the Stopseal® ablative sealant on both sides. At normal temperatures, the Stopseal® Fire Batt installed with Stopseal® Sealant remains flexible to permit thermal and mechanical movement of the services. Both products are unaffected by oil, fungus, moisture, vermin, weather and contain no halogens or asbestos.

COAT BACK OF SERVICES IS NOT REQUIRED**The advantages of the Stopseal® Fire Batt and Sealant are as follows:**

- Suitable for indoor use without additional environmental protection.
- Remains flexible between -5°C to +70°C.
- Easy to use fibre free sealant.
- Stopseal® Fire Batt standard 50mm thickness gives 4 hours fire and smoke barrier and up to 2 hours insulation.
- Long life and easy to use.
- Suitable for large openings in walls and floors with additional supports.



SPECIFICATION

Dimensions	1200mm x 600mm x 50mm
Stone Fibre Density	160Kg/m ³
Coating Thickness	1mm Nominal, 2.2kg wet film coating
Fire Resistance	4 hours – BS476 pt20/22; BSEN1366 pt 3; prEN1366 pt 3
Insulation (Single Batt)	142 minutes on seal face 29 minutes on services
Insulation (Double Batts)	264 minutes on seal face 69 minutes on services
Acoustic Performance	27.9dB mean reduction up to 56.1 dB reduction (with one 50mm Stopseal® Fire Batt). 35.4dB mean reduction up to 65.8dB reduction (with two 50mm Stopseal® Fire Batt)
Mechanical Support Required	30mm x 30mm x 1.6mm steel angle
Thermal Conductivity (U Value)	0.034 W/mK at 10°C
Stopseal® Sealant coverage	2.15kg Spread, 2.20kg Spray
Maximum Size of Seal	Wall 5.76m ² , Floor 2.88m ²
Maximum Size – Unsupported	1.2m x 1.2m (no services)
Heat Aging – 336 hrs	Data to follow
Mechanical support 1	30mm x 30mm x 1.6mm steel angle
Water Vapour Permeability	Data to follow
Artificial Weathering – 1000 hrs	Data to follow



INSTALLATION

Installation details and technical support are available from Firestopit technical department or on the internet at www.firestopit.com

- Use rubber gloves and protection to avoid skin and eye contact.
- Cut Batt to suit the opening.
- Apply Stopseal® Sealant to cut surface and the mating substrate.
- Assemble batt into the opening, using 'Z' bracket in slab edge detail where required.
- Apply Stopseal® 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.



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**COMPLIANCE**

The Stopseal® Fire Batt and Stopseal® Sealant are manufactured in the EU, meeting the highest quality standard in compliance with BS EN ISO 9001:2008. For fire test certification contact Firestopit technical department.

CERTIFIRE No. CF513

**STORAGE AND DISPOSAL**

Stopseal® Fire Batt is not 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 Firestopit technical department.



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