

Nullifire System B747

FIRE RATED BATTS

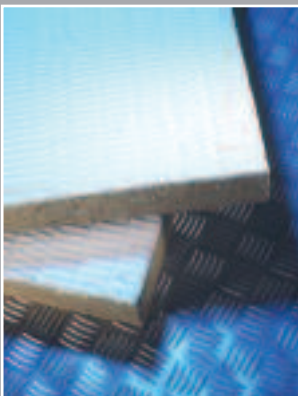
for MULTI-SERVICE PENETRATIONS

Lightweight fire barrier comprising mineral fibre batts, faced both sides with a fire resistant water-based acrylic mastic. Fire rated to **BS 476: Part 20/22:** prevents passage of toxic gases, smoke and fire between compartments for up to 4 hours. Also provides thermal and acoustic insulation.



TYPICAL APPLICATIONS

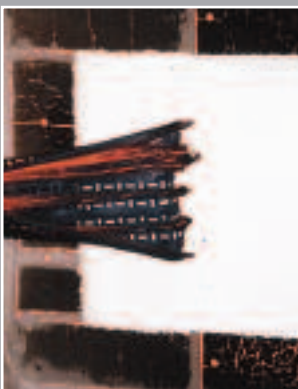
- Health and leisure centres
- Schools, universities and other educational buildings
- Commercial and retail premises
- Hospitals
- Cinemas / theatres / sports stadia
- Industrial sites, power generation plants
- Transport



PERMISSIBLE SERVICES

- Single and bunched cables
- Cable Trays
- Cable Ladders
- Trunking
- Steel and Copper pipes and ducting
- Dampers*
- PVC and uPVC pipes*

*Refer to Application Data Sheets for fixing details.
For details on any other services please refer to the Nullifire Technical Department.



KEY FEATURES

Lightweight and flexible

- Easy, fast installation
- No coat back required for penetrating services
- Remains flexible between -5° to +70°

Versatile application

- For openings in wall, floor and soffit
- Up to 240 minutes fire protection
- For internal and external use: no additional protection needed

Safe and durable

- Asbestos and halogen free
- Fibre free sealant
- Resistant to mould, fungus and vermin attack

Nullifire[®]

TAKING THE LEAD IN BETTER FIRE PROTECTION

PRODUCT RANGE

Fire rated Batts

B747 -50mm 1200 x 600 x 50mm thick

B747 -60mm 1200 x 600 x 60mm thick

Specification (all Batts)

Facing: White

Density: 160kg/m³

Ancillaries

B721 -5ltrs Trowel grade acrylic mastic, 5ltr tin

B721 -10ltrs Trowel grade acrylic mastic, 10ltr tin

M701 Cartridge grade acrylic mastic, 310ml

SITWORK

Tools required

- Rubber gloves and eye protection to prevent skin and eye contact
- General purpose saw

Preparation

For any opening exceeding

1200 x 600mm:

Supporting steel framework will be required. Please refer to the Nullifire Application Data Sheets for details.

Installation

- 1 Cut board to required size, using saw
- 2 Apply B721 mastic to all cut edges and mating surfaces
- 3 Align and locate board in the opening
- 4 Apply mastic, by cartridge or trowel, to any gaps and uncoated faces
- 5 Record details of any penetrations: number, type, location, size, type of Batt

For further guidance on site conditions, application methods and design of supporting structure, please refer to the Nullifire Application Data Sheets.

MAINTENANCE

No maintenance required after installation.

Routine inspection recommended to ensure no damage to the barrier.

HEALTH AND SAFETY

Material Safety Data Sheet available on request.

TECHNICAL SUPPORT

Full technical support available at all stages of a project from selection and specification to installation and maintenance. Including:

- Product Data Sheets
- Material Safety Data Sheets
- Fire engineering support
- Materials estimating
- Application and product training
- On site inspection and verification*

For information or assistance, contact Nullifire:

Telephone 024 7685 5000

Facsimile 024 7646 9547

Email protect@nullifire.com

***NOTE:** Applicable to areas accessible for inspection only. Those parts of the structure to which access cannot be gained, for example areas made inaccessible by subsequent construction work, are outside the scope of Nullifire inspection and verification.

PERFORMANCE B747 FIRE RATED BATTS

Fire performance

Tested to BS 476: Part 20/22: 1987

Up to 4 hours

B747-50

Sealed Face
Services

Integrity

240 minutes

240 minutes

Insulation

120 minutes

29 minutes

B747-60

Sealed Face
Services

240 minutes

240 minutes

120 minutes

84 minutes

Acoustic performance

Tested to BS EN 140-3 BS 2750: Part 3

B735-60 and B747-60

34.7dB at 100Hz to

59.5dB at 5000Hz

Durability

Tested to BS 3900

All Batts

Artificial weathering to

BS 3900:F3 No defects

Maximum barrier size

Unsupported*

Wall

0.72m²

Floor

0.72m²

Supported

Wall

5.76m²

Floor

2.88m²

***NOTE:** If any dimension is less than 300mm maximum areas can be exceeded. Refer to the Nullifire Application Data Sheets for details.

HOW TO ORDER

Available direct from Nullifire Ltd.

Contact the Sales Department for full details.

Nullifire[®]

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