



Product Data Sheets

Intubatt 1

Application

Used to seal holes in fire compartment walls and floors around services such as suitably supported air-conditioning ducts, pipe work and electrical cabling against the passage of fire and can provide up to 4 hours integrity and insulation depending on specification.

Description

Intubatts are large mineral fibre boards, factory coated on both faces with Intucoat mastic under controlled factory conditions and to precise thickness and specification.

Size: 1200x600x50mm

Colour: Off white

Density of mineral fibre board: 180kg nominal.

Thickness of coating: 1.00mm

Service coat-back: Not required for integrity only. Refer to Firetherm's Technical Dept. when insulation is specified.

Fire Rating

Tested at Warrington Fire Research to BS 476 Part 20.

4 Hour Fire Integrity

Up to 120 minutes insulation one board thickness, 240 minutes - two board thickness.

Class 'O' Fire Propagation and Class 1 spread of flame specifications available.

Benefits

* 1200x600x50mm size provides excellent value for money and lower installation costs

* 50mm thickness means low overall weight making for easier handling

* Weather resistant, suitable for external use where ponding not likely to occur. Special coating required - contact Technical Department +44(0)1322 551010.

* Halogen free

Legislation

Fire stopping is required by Building Regulation 1991 Approved document 'B'

Intubatts have been tested in accordance with the requirements of BS476 Part 22.

Specification Wording

"Install Firetherm Intubatts to seal all openings around services. Design and installation to be fully in accordance with manufacturers instructions. Firetherm Ltd, Dartford, England 01322 551010.

Technical Support

Firetherm offers a design and estimating service for specifiers and users of its products and in addition can provide site support to installers.

Installation

- 1) Locate and review Intubatt Health and Safety Notes before commencing work.
- 2) Clear any debris or contaminants from the opening.
- 3) Mask around the opening with masking tape allowing a 25mm margin if necessary to provide a neat clean edge to the finished job.
- 4) Measure opening and transfer measurements to the face one or more Intubatts.
- 5) Using a serrated knife, padsaw or hacksaw blade in an holder, cut the Intubatt into suitably sized pieces to ensure a snug fit into the opening.
- 6) Intubatt seals can also be installed as a "patress" or surface mount provided there is at least 100mm overlap onto the wall face and the batts are mechanically fitted with steel anchors, masonry nails or similar, at 200mm centres, fitted with large headed washers.
- 7) Apply Intucoat mastic in brush, trowel or cartridge grade, depending on preference, to the inside of the opening to bond the Intubatt to the masonry. Apply further Intucoat to the penetrating services where they will make contact with Intubatt.
- 8) When installing cut pieces "butter up" the cut edges with Intucoat mastic to bond the pieces together. Intucoat is an exceptionally effective adhesive and will create a strong bond

when cured. Some temporary support may be required while Intucoat cures.

Intubatt 1 "Buttering up" is not always necessary if a single cut piece is large enough to span the whole width of the opening and is a tight fit. All Firetherm fire testing in the UK is undertaken "dry" to attempt to reproduce the worst case.

However the seal is constructed, it is vital that the seal is strong and secure on final inspection. This strength must not be compromised by poor construction techniques.

9) It is not necessary to "coat back" penetrating services as a result of recent new tests.

10) With a paint brush dipped in water, brush out the Intucoat mastic onto the masking tape if used. Remove the tape before mastic has cured.

11) Place off cuts and debris in strong plastic bags for disposal. (Refer to Health and Safety notes).

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