



## Product Data Sheet Intucoat

### Application

A mastic used to coat plain mineral fibre batts of a density exceeding 140kg/m<sup>3</sup> in situations where it is more cost effective to install un-coated mineral fibre and later apply Firetherm Intucoat to a wet film thickness (WFT.) of 2mm to create a dry film thickness (DFT.) of 1mm.

### Description

A medium viscosity paste containing acrylic emulsion, inert fillers and fungicide. To be used for internal applications only, allow Intucoat to dry for at least 24hrs at better than 10 degrees centigrade and less than 75% RH. before being exposed to moisture. Available in brush, spray or trowel grade.

Colour: White. Other colours available at extra cost to special order.

Can be over painted: Yes.

Toxicity: IMO (International Maritime Organisation) Resolution (16). A653 MSC 61(67) Lloyds Register of Shipping.

Tack free time: 15-60 minutes depending on temperature , humidity and air movement.

### Fire Rating

Tested at Warrington Fire Research with 140kg/m<sup>3</sup> density mineral fibre supplied by Firetherm to provide up to 4 hours integrity and up to 120 minutes insulation, depending on specification.

### Legislation

Compartment walls and floors must maintain the appropriate level of fire resistance as laid down by Building Regulations Section B 1991. In conjunction with a good quality mineral fibre batt system of a minimum density of 140kg/m<sup>3</sup> can provide up to 4hrs fire integrity to BS 476 Pt 20, depending on specification.

### Specification

"Install Firetherm Intucoat to mineral fibre batts of minimum density 140kg/m<sup>3</sup> in full accordance with manufacturer's instructions. Contact Firetherm Ltd, Dartford, England. 01322 551010".

## **Technical Support**

Firetherm provides a design & estimating service for specifiers and users of its products and in addition can provide site support to installers. Please contact Firetherm's Technical Hotline on 01322 551010.

## **How to order**

Call Firetherm on 01322 551010 for details of your nearest stockist.

## **Installation**

1. Read Firetherm Intucoat Health & Safety instructions before starting work.
2. Carefully check that all mineral is securely positioned and tight, with any gaps over 5mm being filled with off cuts of mineral fibre.
3. Mask around the opening with masking tape allowing a margin of at least 25mm to provide a neat well sealed edge.
4. Firetherm Intucoat may be applied by spray, brush, trowel or from 310ml cartridges. Different specifications of Intucoat can be supplied in order to help you achieve the best results. Intucoat Spray/Brush 68% volume solids, Mastic 76%, Trowel 85% volume solids.
5. Apply to a loading of approximately 2 litres per m<sup>2</sup> to a wet film thickness of 2mm and a dry film thickness of 1mm.
6. For bare metal surfaces (such as copper or aluminium), we recommend a barrier tape (masking tape or the like) is applied before filling the hole with mastic.
7. If difficulty is experienced in obtaining adhesion, it is good practice to moisten the mineral fibre before applying the Intucoat with a water sprayer or a paint brush dipped in water.
8. Remove masking tape.

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