

PASSIVE FIRE PROTECTION

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MATERIAL DESCRIPTION

TBA Firefly Intucompound[®] is a fire-resistant Gypsum based mortar material used to reinstate the fire resistance performance of floor and wall constructions where apertures exist and there is a requirement to reinstate the fire resistance of the substrate

INSTALLATION

Adequate space and accessibility should be provided for appropriate installation of TBA Firefly Intucompound. The substrate must be clean, dry, sound and homogeneous, free from oils, grease, dust and loose particles.

Measure the size of the opening, relevant position and size of the services. Fit suitable shuttering to bottom of opening allowing for required depth to be achieved in one single pour. It is the responsibility of the installer to ensure the shuttering must be able to support the wet weight of the compound under pouring conditions.

Intucompound can be mixed, preferably by mechanical paddle, or manually if required. Measure out the correct amount of clean water into a clean container to achieve the desired consistency. TBA Firefly Intucompound: water ratio): Pourable Mix ratio of 3-3½: 1 Trowelable Mix ratio of 4: 1 Gradually add the Intucompound stirring continually. Continue mixing until the intucompound is mixed to a smooth even consistency. Any spillage should be wiped up with a damp cloth before setting occurs. Mix only enough material sufficient for use within the recommended pot life (5 minutes). Pot life and set times will be reduced for lower water content and higher temperatures.

Installation should not be carried out when temperatures are above 35°C. Setting times are normally between 30 and 90 minutes however full cure time of 28 days must be adhered to, to achieve full fire resisting and load bearing capabilities.

Do not attempt to extend working time by remixing with additional water once the compound has started to set, as this will interfere with the setting process. Always mix in clean buckets, using dirty buckets containing remains of compound from earlier mixes may reduce working time. Pour/trowel Intucompound to a minimum thickness of 100mm The depth required must be achieved in one single pour if installed in a floor.

Where service penetrations are present such as pipes and cables the appropriate ancillary system (if required) should be installed as shown in the relevant test report.

Clean all tools and application equipment with water immediately after use.

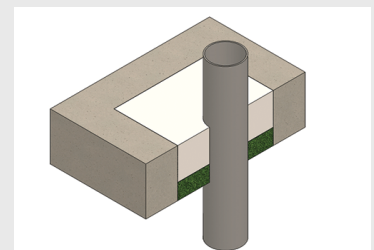
TBA FIREFLYTM INTUCOMPOUNDTM

APPLICATIONS

- To reinstate fire resistance through walls and floors
- Load bearing capabilities
- Multi-service penetrations
- Prevention of air leakage
- Maintains Acoustic performance
- Assumed working life 25 years
- For internal use

PRODUCT DETAILS

- Gypsum based mortar material
- 20kg bags
- Light grey colour
- 12 months shelf life if stored in accordance with storage conditions
- Usage 6 x 20kg per m² @ 100mm
- For unopened material, store in a well-ventilated, dry, cool environment. Recommended temp ranges
- +5°C - +35°C. Protect against exposure to direct sunlight.



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