

## Specification – Marmox Fireboard as IWI on masonry reveals

**Product Ref:** Marmox Fireboard

**Application:** Plasterable IWI substrate offering thermal, acoustic and breathable fireproof insulation to door and window reveals.

**Manufacturer:** Marmox Ltd

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**Description:** A dense core of mineral wool covered on both sides with fibreglass mesh encased in a c.1.0mm layer of polymer modified concrete permanently bonded to the mineral wool core.

**Dimensions:** Width = 600mm, Length = 1200mm, Thickness = 12 or 20mm

**Properties:** Low thermal conductivity (0.037W/mK), vapour permeable ( $\mu=3.85$ ) and acoustic insulation Certified (BRE) as completely non-combustible (Class A1)

**CE/UKCA mark:** Declaration of Performance for a Mineral Wool Insulation Board to EN13162: 2012

**Fixing Method:** The Marmox Fireboard is slotted into the gap and fixed using tile adhesive

Ideally, the void between the back of the board to the masonry should be minimal and the Marmox Fireboard is fixed directly onto the substrate

If a void is required (*e.g. to ensure the face of the board meets the edge of the window frame etc.*) it should be filled and made rigid. This can be done using several strips of board adhered together. *Layering the Marmox board into this space will of course improve the insulation.*

*Dotting and dabbing is not advisable – voids should be filled with Marmox Fireboard.*

- The reveal board should be enclosed within the boarding on the walls and at the same level as the edge of those wall boards.
- The masonry should be primed in accordance with the adhesive manufacturer's advice.
- Boards are cut into strips to fit into the gap between the window frame and the Marmox board (*or similar*) already on the wall. A 5mm gap should be left along both sides which should subsequently be filled with MSP-360.
- If one layer of Marmox Fireboard is not thick enough, additional layers should be added and held together with either tile adhesive or alternatively, Marmox MSP-360.
- The Fireboard is then adhered into the reveal using cement-based tile adhesive.
- By adjusting the thickness of tile adhesive used, the final layer of Marmox Fireboard should be square and flush with the edge of the wall boards and the window frame / door frame.
- Angle beading should now be placed over the corner.

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**Plastering:** No priming of the Marmox Fireboard is necessary, the surface is already suitable to receive plaster - the surface is simply dampened with water.

On reveals, a single skim application of plaster is sufficient however if a standard two-layer application is being carried out on the rest of the wall, for consistency of performance, it should be continued onto the reveals.

**Note:** Marmox Fireboard cannot be fixed into or be used to mechanically connect the window or door frame to any other structure. It is a rigid substrate providing insulation only.