

## 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.