

DECLARATION OF PERFORMANCE



Marmox UK Ltd on behalf of Marmox-Egypt Ltd Caxton House, 101 Hopewell Drive, Chatham Kent ME5 7NP

Tel: 01634 835290 E-mail: info@marmox.co.uk

Certificate Number: MUK-01
Unique Product Identification: MARMOX MULTIBOARD

(aka Marmox Board, Marmox Construction Board, Marmox Waterproof Insulation Board)

Type and Serial Number: Printed on each board

Dimensions: (b x l): 600mm x 1250mm or 600mm x 2500mm or 1200mm x 2400mm

Thicknesses* (d): 10mm, 12.5mm, 20mm, 30mm, 40mm, 50mm, 60mm (*4mm, 6mm are not

included within the scope of this declaration)

Dimensional Tolerances (T): +/- 1mm

Insulation Applications: -

- Waterproof insulation boards on walls beneath tiling or plaster.
- Waterproof Insulation boards of floors underneath tiling, underneath electric underfloor heating and tiling, underneath timber flooring.

CPR Attestation of Conformity: System 3 to the following European Standard **EN13164: 2012**

Thermal insulation products for buildings - factory made extruded polystyrene foam products

The notified factory production control body is the British Board of Agrement, Bucknalls Lane, Watford, Hertfordshire WD25 7NG (*Notified Body Reference number 0836*) who performed the initial factory production control specific to the manufacture of this product and continue to survey this with regular factory audit.

Notified bodies responsible for testing:

NB0761 - MPA Braunschweig, D-38106 Braunschweig, Germany

NB0836 - BBA, Watford WD25 7NG, UK

NB1145 - University of Salford, Salford M5 4WT

The factory is accredited to ISO9001 and this product has a BBA certification.

Declared Performance of Marmox Multiboard

| Characteristic | Testing Notified Body | Performance assessed | Performance Level |
|------------------------------------|------------------------------|------------------------------|------------------------|
| Reaction to Fire | MPA Braunschweig | System 3 | Euroclass category E |
| (to EN 13501-1: 2007) | (0761) | | |
| Thermal Resistance, R _D | University of Salford | Declared R value | 0.54m ² K/W |
| (to EN13164 & | (1145) | d _s : 20mm | |
| EN12667) | BBA(0836) | | |
| Thermal Conductivity, | University of Salford | Declared λ value | 0.036W/mK |
| $\lambda_{90/90}$ | (1145) | d _s : 10mm – 60mm | |
| | BBA(0836) | | |
| Release of Dangerous | MPA Braunschweig | Reaction to Fire | None identified during |
| Substances | (0761) | | combustion. |
| | | | |
| Compressive Strength | BBA (0836) | For load bearing | CS(10\Y) 400 |
| (to EN826: 1996) | | applications | |
| | | 4mm – 60mm | |
| Water Permeability | BBA (0836) | Water Absorption | WL(T)3 |
| (to EN 12087) | | (30mm thickness) | |
| | | | |

This declaration of the performance of Marmox Board (and other names relating to this product manufactured by Marmox-Egypt Ltd) covers all dimensions and thicknesses of this type of product. It is issued under the responsibility of the manufacturer's UK representative, Marmox-UK Ltd.

| Signed for on behalf of the manufacturer by: |
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| Mark Bowman, UK Technical Manager for Marmox-UK (<i>Chatham, UK</i>), 25 TH June 2013 |





CMB-Egypt Ltd, 317 El Haram Street, Giza, Egypt 13

MUK-01

EN 13164: 2012

Marmox Multiboard

 $\begin{array}{c} \text{RtF: E} \\ \text{R}_{\text{D}}\text{: } 0.54\text{m}^2\text{.KW (d=20mm)} \\ \lambda_{\text{D}}\text{: } 0.036 \\ \text{d}_{\text{N}}\text{: } 10\text{mm - 60mm} \end{array}$

XPS - EN13164 - T1 - CS(10\Y)400 - CC(2/1/10)115 - WL(T)3