

Declaration of Performance for the building product:
MARMOX Board ULTRA



In accordance with
 EU-CPR no. 305/2011

<p>1. Unique Identification code of the product type.</p>	<ul style="list-style-type: none"> • Marmox Board Ultra
<p>2. Type, batch or serial number or any other element allowing identification of the construction product as required pursuant to Article 11(4).</p>	<ul style="list-style-type: none"> • Marmox Board Ultra or Marmox Ultra Board. Dimensions; various, Thickness: 4, 6, 10, 12.5, 20, 30, 40, 50, 80, 100mm • Boards are labelled with batch code.
<p>3. Intended use or uses of the construction product, in accordance with the applicable harmonised technical specification, as foreseen by the manufacturer.</p>	<ul style="list-style-type: none"> • Lightweight thermally insulating tile backer board resistant to the passage of water and water vapour. • Provides thermal insulation and decoupling used underneath tiling in all areas including those of very high humidity such as steam rooms, saunas, swimming pools etc. • Internal or external thermal cladding to walls and ceilings beneath a coating of plaster/render.
<p>4. Name, registered trade name or registered trade mark and contact address of the manufacturer as required pursuant to Article 11(5)</p>	<ul style="list-style-type: none"> • Marmox-Egypt Ltd, 319 El-Haram Street, Giza, EGYPT • Tel: +202 338 60 172 • E-mail: info@marmoxegypt.com
<p>5. Where applicable, name and contact address of the authorised representative whose mandate covers the tasks specified in Article 12(2)</p>	<ul style="list-style-type: none"> • Marmox UK Ltd, 101 Hopewell Drive, Chatham, Kent ENGLAND ME5 7NP • Tel: 01634 835290 • E-mail: info@marmox.co.uk
<p>6. System or systems of assessment and verification of constancy of performance of the construction product as set out in Annex V</p>	<ul style="list-style-type: none"> • AVCP 3
<p>7. In case of the declaration of performance concerning a construction product covered by a harmonised standard</p>	<p>EN13164: 2012: <i>Thermal insulation products for buildings - factory made extruded polystyrene foam products</i></p> <p>The notified factory production control body is the BBA, UK, (NB 0836). A Factory Production Control system is established, documented and maintained in accordance with AVCP System 3 as per Annex ZA.2 of EN13164:2012.</p> <p>Notified bodies responsible for testing: NB0836 – BBA, UK NB0761 – MPA Braunschweig, Germany</p>
<p>8. In case of the DOP concerning a construction product for which a ETA has been issued</p>	<p>N/A</p>

9. Declared performance:

The characteristics in the table below apply to all products mentioned in 2 above however 6mm and 4mm boards are not subject to EN13164: 2012			
Characteristic	Testing Notified Body	Performance assessed	Performance Level
Reaction to Fire (to EN 13501-1: 2010)	MPA Braunschweig (NB 0761)	Surface flame and edge flame attack.	Class E
Thermal Resistance, R_d (to EN13164 & EN12667)	BBA (NB 0836)	Declared R value, d _s 20mm	0.73m ² .K/W
		Declared R value, d _s 50mm	1.58m ² .K/W
Thermal Conductivity, λ_{90/90}	BBA (NB 0836)	5 year aged λ value <i>(assessed on 50m thick board)</i>	0.034W/m.K
Release of Dangerous Substances	MPA Braunschweig (NB 0761)	Reaction to Fire	None identified
Compressive Strength (to EN826: 2013)	BBA (NB 0836)	For load bearing applications <i>(assessed on 50m thick board)</i>	CS(10/Y) 300
Water Permeability (to EN 12087: 2013)	BBA (NB 0836)	Water Absorption <i>(assessed on 50m thick board)</i>	WL(T) 1.5
Water Vapour Diffusion (to EN 12086: 2013)	MPA Braunschweig (NB 0761)	Water vapour diffusion resistance factor (μ) <i>(assessed on 10m thick board)</i>	517
		Water vapour diffusion equivalent air layer thickness (S _d) <i>(assessed on 10mm thick board)</i>	4.4m

10. This declaration of the performance of Marmox Board Ultra manufactured by Marmox-Egypt Ltd covers all dimensions and thicknesses of this type of product. It is certified in accordance with Quality Management System ISO9001: 2008

It is issued under the responsibility of the manufacturer's UK representative, Marmox-UK Ltd:

Signed for and on behalf of the manufacturer by

Mark Bowman, Technical Manager for Marmox UK (Chatham) 1st March 2017

