

	<p>Declaration of Conformity for the building product: <b>MARMOX THERMOBLOCK</b></p> <p>DECLARATION NUMBER: MXUK-03</p>	 <p>In accordance with EU-CPR no. 305/2011</p>
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<p><b>1. Unique Identification of the product.</b></p>	<ul style="list-style-type: none"> <li>• Marmox Thermoblock</li> <li>• The product comprises an extruded polystyrene core with cement based structural and protective elements.</li> </ul>
<p><b>2. Type, batch or serial number or any other element allowing identification of the construction product.</b></p>	<ul style="list-style-type: none"> <li>• Variations are defined by product dimensions:</li> <li>• Length = 600mm</li> <li>• Height = 50, 65 or 100mm</li> <li>• Width = 90, 100, 140, 150, 175, 215, 240 290mm</li> </ul>
<p><b>3. Intended use or uses of the construction product as foreseen by the manufacturer.</b></p>	<ul style="list-style-type: none"> <li>• Thermal Bridging block.</li> <li>• The product is a load-bearing thermal insulation block used in wall junctions to reduce heat transfer through those junctions.</li> </ul>
<p><b>4. Name, registered trade name or registered trade mark and contact address of the manufacturer</b></p>	<ul style="list-style-type: none"> <li>• Marmox-Egypt Ltd, 319 El-Haram Street, Giza, EGYPT</li> <li>• Tel: +202 338 60 172</li> <li>• E-mail: <a href="mailto:info@marmoxegypt.com">info@marmoxegypt.com</a>,</li> </ul>
<p><b>5. Name and contact address of the authorised representative whose mandate covers the tasks specified in Article 12(2)</b></p>	<ul style="list-style-type: none"> <li>• Marmox UK Ltd, 101 Hopewell Drive, Chatham, Kent ENGLAND ME5 7NP</li> <li>• Tel: 01634 835290</li> <li>• E-mail: <a href="mailto:sales@marmox.co.uk">sales@marmox.co.uk</a></li> </ul>
<p><b>6. System or systems of assessment and verification of constancy of performance of the construction product.</b></p>	<ul style="list-style-type: none"> <li>• AVCP system 3</li> </ul>
<p><b>7. This DoC is issued with the assurance of either a Harmonised European Norm or a European Technical Assessment.</b></p>	<p>ETA 20/0744 (29/04/2024) issued by UBAtc, Belgium</p>
<p><b>8. Notified Body responsible for the declaration of conformity covered by a harmonised standard or ETA</b></p>	<p>EOTA Notified body: BCCA notified body number: 0749</p>

## 9. Declared performance:

Essential Characteristic defined by ETA 20/0744	Testing Notified Body	Performance assessed	Performance Level
<b>Reaction to Fire</b> (to EN 13501-part 1: 2010)	MPA (NB 0761) Germany	Reaction to Fire.	Class E
<b>Resistance to Fire</b> (to EN 13501- part 2: 2007)	Exova (NB1104) Netherlands	Resistance of a loadbearing wall on a layer of Thermoblock	120 minutes
<b>Dimension Tolerance</b> (to EN 824)	BCCA (0794) Belgium	Squareness and height variation	<2mm
<b>Thermal Conductivity, <math>\lambda_{10/dry}</math></b> (to EN 1667)	BCCA (0794) Belgium	$\lambda$ value of components and whole unit	Structural parts = 0.130W/mK Insulation part = 0.030W/mK Thermoblock = 0.047W/mK
<b>Thermal Resistance, <math>R_D</math></b> (to EN 12667)		Not applicable since heat flow is no linear	
<b>Compressive Strength, <math>f_b</math></b> (to EN 771-1)	BCCA (0794) Belgium	with 5% built-in safety factor	>7.5N/mm <sup>2</sup> (7500kPa)
<b>Shear Strength, <math>f_{vko}</math></b> (to EN 1052-3)	BCCA (0794) Belgium	As part of a masonry wall	0.18N/mm <sup>2</sup>
<b>Dimensional Stability, <math>\Delta_\varepsilon</math></b> (to EN 1604)	BCCA (0794) Belgium	Effect on dimensions of high temperature (70°C) and high humidity (90% RH)	<0.5%
<b>Water Absorption by immersion, <math>W_{ip}</math></b> (to EN 771-3)	BCCA (0794) Belgium	Long term water immersion	<3.1%
<b>Water Absorption by capillary</b> (to EN 772-11)	BCCA (0794) Belgium	Short term water immersion	<0.01g/m <sup>2</sup> s

## 10. Declaration

This declaration of the conformity of Marmox Thermoblock manufactured by Marmox-Egypt Ltd covers all essential characteristics required by the ETA since no Harmonised European Standard covers this type of product. It is issued under the responsibility of the manufacturer's UK representative, Marmox UK Ltd and signed for and on behalf of the manufacturer by Mark Bowman, Technical Manager for UK + Ireland, 30<sup>th</sup> May 2024

