



Declaration

TSM Ceramic thermal insulation coating

1. Individual identifier, code of the product: TSM Ceramic
2. Type, position or serial number or any other element allowing identification of the construction product according to the provisions in Article 11 Paragraph (4):

THERMAL PROTECTIVE/THERMAL INSULATION coating

3. Intended use or uses of the construction product determined by the manufacturer in accordance with the applicable harmonized technical specifications: For thermal protection/thermal insulation of indoor and outdoor walls, roofs, floors and surfaces to be thermally insulated.
4. Name, registered commercial name, registered trademark and notification address of the manufacturers according to the provisions in Article 11 Paragraph (5): INFO VIT Ukraine, Kharkov 61058, St. Kultura 9 apt. 1.
5. Name and notification address of the authorized representative, to whom the tasks determined in Article 12 Paragraph (2) within his/her order belong, if applicable: Csilik György – THERMOGÁT Kft. – csilik.gyorgy@tsmceramic.com
6. In case of a manufacturer's declaration on construction products regulated by a harmonized standard (standards), name and identification number of the notified body: The first type approval was made at the assigned examination institute ÉMI Építészügyi Minőségellenőrző Innovációs Nonprofit Kft., based on the probe taken by the manufacturer, according to System 3. Marking number, number of the test: Nr. M-4072/2010 19/10/10. Further examinations were made by the Debrecen University, Technical Faculty.
7. The fire protection classification was made at the assigned examination institute, according to System 3: Non-flammable. Protocol number: protocol number 6-NG(2)-2016 MINISTRY OF DISASTER PREVENTION OF THE UKRAINE, KHARKIV COUNTY DEPARTMENT, SPECIAL DISASTER PREVENTION UNIT, RESEARCH AND EXPERIMENTAL LABORATORY
8. In case of a manufacturer's declaration on a construction product, for which a European Technical Assessment was issued: N/A
9. Performance according to the declaration:

Basic property	Performance	Harmonized technical specification
Thermal conductivity	≤ 0.001 W/mK	ZIK EN 15824:2009
Heat transfer factor (h_c)	$\leq 2,2$ W/m ² K	Siberian Federal University 2012.05.21.No.40309
Heat transfer factor (h_i)	$\leq 1,6$ W/m ² K	Siberian Federal University 2012.05.21.No.40309
Adhesion strength on concrete	≥ 0.3 MPa	MSZ EN 15824:2000
Adhesion strength on metal	≥ 0.3 MPa	MSZ EN 15824:2000
Adhesion strength on concrete in a freezing-thawing cycle	≥ 0.3 MPa	MSZ EN 13887-3
Operating temperature	-60 °C – +260 °C	
Fire protection class	"A1" non-flammable	ÉMI TÜV SÜD

10. The performance of the product determined in Paragraphs 1 and 2 complies with the performance specified in Paragraph 9 in accordance with the Declaration. For issuing this performance declaration, solely the manufacturer determined in Paragraph 4 is responsible. Authorized person for signing on behalf of the manufacturer: L.N. Mischanenko

Kharkov 01.10.2019.

