

# DECLARATION OF PERFORMANCE CE

1. TRADE NAME:

*DIGNA PLUS in variants under the name: BOND, INDUSTRIAL, OUTDOOR, INTERIOR, TOP*

2. IDENTIFICATION CODE OF THE PRODUCT TYPE:

*Elastomeric thermo-reflective and insulating coatings/ masses/ plasters*

3. INTENDED USE OR USES:

*A product for use outside and inside buildings, walls, ceilings and floors with thermo-reflective, insulating and protective properties.*

4. SYSTEM OF ASSESSMENT AND VERIFICATION OF CONSTANCY OF PERFORMANCE:

**SYSTEM 4**

5. NATIONAL TECHNICAL SPECIFICATION:

- Polish Product Standard: PN-EN 15824:2017 - External and internal plasters on organic binders.  
Research unit: Łukasiewicz Research Network - Institute of Ceramics and Building Materials branch in KRAKÓW.  
CONCRETE, MORTAR AND AGGREGATES RESEARCH GROUP.
- Polish Product Standard: PN-EN 13501-1:2019-02 - Reaction to fire.  
Research unit: Łukasiewicz Research Network - Institute of Ceramics and Building Materials branch in KRAKÓW.  
Notified Body No. 1487 in the field of reaction to fire tests.  
CONSTRUCTION CHEMISTRY RESEARCH GROUP.

## 6. DECLARED PERFORMANCE:

PROPERTY	CATEGORY	REQUIREMENTS	DECLARED PERFORMANCE
Determination of adhesion to the substrate	<b>MPa B</b>	$\geq 0,3 \text{ MPa}$	$0,7 \pm 0,2 \text{ MPa}$ <b>B</b>
Water vapour transmission rate	<b>V<sub>2</sub></b>	$> 15 \text{ i } \leq 150 \text{ g}/(\text{m}^2 * \text{d})$	$100-105 \pm 1,00 \text{ g}/(\text{m}^2 * \text{d})$
Water absorbtion	<b>W<sub>3</sub></b>	$\leq 0,1 \text{ kg}/(\text{m}^2 * \text{h}^{0,5})$	$0,01 - 0,02 \text{ kg}/(\text{m}^2 * \text{h}^{0,5})$
Reaction to fire	<b>B-s1-d0</b>	<b>PN-EN 13501-1:2019-02</b>	<b>B-s1-d0</b>
Thermal conductivity coefficient $\lambda$			$\lambda = \text{from } 0,0007 \text{ to } 0,0002$

## 7. TRADE NAME/TRADEMARK RESERVED, MANUFACTURER

**DIGNA PLUS**, MAXISOTHERM sp. z o.o., 58-310 Szczawno-Zdrój, Poland, ul. Nizinna 4

8. The functional properties of the above product are consistent with the list of declared functional properties. This declaration of functional properties is issued in accordance with Regulation (EU) No 305/2011 under the sole responsibility of the manufacturer specified above.

*On behalf of MAXISOTHERM sp. z o.o.*

*Paweł Lulis*

*Chairman of the Board*