



## **DECLARATION OF PERFORMANCE**

1. Unique identification code of the product-type:

**MetalMate**

2. Type, batch or serial number or any other element allowing identification of the construction product as required pursuant to Article 11 (4):

**The batch number is indicated on the product's label and/or packaging.**

3. Intended use of the construction product, in accordance with the applicable harmonized technical specification, as foreseen by the manufacturer:

**Bonding material used in a system to install internal and external metal wall cladding.**

4. Name, registered trade name or registered trade mark and contact address of the manufacturer as required pursuant to Article 11 (5):

**TCB**

**Lepelstraat 1, bus 02.01**

**B-3920 Lommel**

**Belgium**

**T: +31 88 999 81 81**

**E: [info@tweha.com](mailto:info@tweha.com)**

**W: [www.tweha.com](http://www.tweha.com)**

5. Where applicable, name and contact address of the authorized representative whose mandate covers the task specified in Article 12 (2):

**Inapplicable**

6. System or systems of assessment and verification of constancy of performance of the construction product as set out in Annex V:

**Inapplicable, there is no European harmonized standard (hEN) or ETAG**

7. In case of the declaration of performance concerning a construction product covered by a harmonized standard:

**The LNE (notified body no. 0502; SKH) has undertaken the test of strength and durability and issued test reports in relation with BRL 4101-7.**

**The LNE (notified body no. 1234; Efectis) has undertaken the test of reaction to fire and issued the test reports in relation with EN 13823, EN 13501-1.**

8. In case of the declaration of performance concerning a construction product for which a European Technical Assessment has been issued:

**Inapplicable**



9. Declared performance:

<b>Essential Characteristics</b>	<b>Performance</b>	<b>Harmonized Technical Specification</b>
<b>Mechanical strength, tensile</b>	<b>&gt; 2.8 MPa</b>	<b>EN 53504</b>
<b>Mechanical strength, shear</b>	<b>&gt; 2.8 MPa</b>	<b>EN 53504-2</b>
<b>Density 23°C/50%RH</b>	<b>1.52 g/m<sup>3</sup></b>	
<b>Fire resistance</b>	<b>B-s1,d0</b>	<b>EN 13823, EN 13501-1</b>
<b>Temperature resistance</b>	<b>-40°C to +200°C</b>	
<b>Elongation at break 23°C/50%RH</b>	<b>ca. 325%</b>	<b>EN 53504 S2</b>
<b>Consistency</b>	<b>non-sagging</b>	<b>EN 27390</b>
<b>Shore-A hardness 23°C/50%RH</b>	<b>55±2</b>	<b>DIN 53505/ISO 7619</b>
<b>Change of volume</b>	<b>&lt; 8%</b>	<b>EN 52451</b>
<b>Modulus elongation at 100%</b>	<b>1.74 MPa</b>	<b>EN 53504 S2</b>
<b>Curing time 23°C/50%RH</b>	<b>3-4 mm / 24 h</b>	
<b>Skin forming time 23°C/50%RH</b>	<b>13 minutes</b>	
<b>Hygiene, health and environment</b>	<b>no influence</b>	
<b>Safety in use</b>	<b>minor safety measures needed</b>	
<b>Durability</b>	<b>assumed to be 50 years</b>	
	<b>with application according processing directive</b>	
<b>Sound absorption</b>	<b>inapplicable</b>	
<b>Thermal resistance</b>	<b>inapplicable</b>	

10. The performance of the product identified in point 1 and 2 is in conformity with the declared performance in point 9.

This declaration of performance is issued under the sole responsibility of the manufacturer identified in point 4.

Signed for and on behalf of the manufacturer by:

Amsterdam, March 1, 2016

M.J.P. van Leeuwen, Chairman

Annex to the declaration of performance in accordance with Article 6(5) of Building Regulation and the REACH Regulation No. 1907/2006, Article 31 or 33

1 (31) Material safety data Sheet (MSDS): available on [www.tweha.com](http://www.tweha.com)

2 (33) information on substances of very high concern (SCHC): inapplicable