

DECLARATION OF PERFORMANCE

1. Unique identification code of the product-type:

TWEHA GlassMate

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 wall cladding with all kind of glass panels, etc..

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

TcB

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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 ageing test procedure and/or harmonized standard:

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.

Based on the research carried out, it can be concluded that on the materials mentioned in the summary of tested and approved substrates a sufficiently durable adhesive connection with TWEHA GlassMate can be realized.

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:

10. Essential Characteristics	Performance	Harmonized Technical Specification
11. Mechanical strength, tensile	> 2.3 MPa	EN 53504
12. Mechanical strength, shear	> 2.3 MPa	EN 53504-2
13. Density 23°C/50%RH	1.54 g/m³	
14. Fire resistance	B-s1,d0	EN 13823, EN 13501-1
15. Temperature resistance	-40°C to + 200°C	
16. Elongation at break 23°C/50%RH ca. 300%		EN 53504 S2
17. Consistency	non-sagging	EN 27390
18. Shore-A hardness 23°C/50%RH	60±2	DIN 53505/ISO 7619
19. Change of volume	< 10%	EN 52451
20. Modulus elongation at 100%	1.1 MPa	EN 53504 S2
21. Curing time 23°C/50%RH	2.5-3 mm / 24 h	
22. Skin forming time 23°C/50%RH	10 minutes	
23. Hygiene, health and environment	no influence	
24. Safety in use	minor safety measures needed	
25. Durability	assumed to be 50 years	
26. with application according processing directive		
27. Sound absorption	inapplicable	
28. Thermal resistance	inapplicable	

29. 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:

Lommel, October 15, 2021

M.J.P. van Leeuwen, General Director

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