

Declaration of Performance

Reference: FM CPR DOC 002-21

Date of Issue: 1st August 2021

1	<p>Unique identification of the product type: FireMaster T Board</p>
2	<p>Type and batch numbers: Marked on each carton of fire protection board</p>
3	<p>Intended use as given in ETA-20/1324: 3.1 Use category Type 3 as defined in EAD 350142-00-1106 (Fire protective products to protect load-bearing concrete elements). 3.2 For use in internal and semi-exposed conditions Type Y as defined in EAD 350142-00-1106</p>
4	<p>Name and contact details of the manufacturer:</p> <p>Placed on the market by</p> <p>Morgan Advanced Materials – Thermal Ceramics Tebay Rd. Bromborough CH62 3PH U.K.</p> <p>And manufactured at:</p> <p>SITEK SASU Route de Lauterbourg CS 90148 67163 Wissembourg Cedex – France</p>
5	<p>Authorised representative: SITEK SASU</p>
6	<p>System or systems of Assessment and Verification of Consistency of Performance (AVCP): See Section 9 below</p>

7	This construction kit is not covered by a Harmonised Standard (hEN)																							
8	<p>The Declaration of Performance concerns a construction kit for which a European Technical Agreement has been issued By ETA Danmark Issued as ETA-20/1324 in accordance with Article 29 of the Regulation (EU) No 305/2011 On the basis of EAD 350142-00-1106 for Fire protective board, slab and mat products and kits , September 2017 Performed under system AVCP 1 And issued certificate of consistency of performance number 2821-CPR-0150 by UL Europe (Notified Body 2821)</p>																							
9	<p>Declared Performance</p> <table border="1"> <thead> <tr> <th>Essential Characteristics</th> <th>Performance</th> <th>Harmonised Technical Specification</th> </tr> </thead> <tbody> <tr> <td colspan="3">Safety in case of fire</td> </tr> <tr> <td>Reaction To Fire</td> <td>A1</td> <td>EAD 350142-00-1106 EN 13501-1</td> </tr> <tr> <td>Resistance to Fire</td> <td>REI 30 to REI 360</td> <td>EAD 350142-00-1106 EN 13381-3:2015</td> </tr> <tr> <td colspan="3">Durability and Serviceability</td> </tr> <tr> <td>Resistance to Soak/Dry</td> <td>Resistant to soak/dry cycles</td> <td>EAD 350142-00-1106</td> </tr> <tr> <td>Resistance to Freeze/Thaw</td> <td>Resistant to freeze/thaw cycles</td> <td>EAD 350142-00-1106</td> </tr> </tbody> </table>			Essential Characteristics	Performance	Harmonised Technical Specification	Safety in case of fire			Reaction To Fire	A1	EAD 350142-00-1106 EN 13501-1	Resistance to Fire	REI 30 to REI 360	EAD 350142-00-1106 EN 13381-3:2015	Durability and Serviceability			Resistance to Soak/Dry	Resistant to soak/dry cycles	EAD 350142-00-1106	Resistance to Freeze/Thaw	Resistant to freeze/thaw cycles	EAD 350142-00-1106
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Safety And Accessibility in use				
Flexural Strength	MOR $R_L \geq 0.79$ when subjected to soak/dry cycles MOR $R_L \geq 0.96$ when subjected to freeze/dry cycles		EN 12467	
Dimensional Stability	Dimensional Change/Relative Humidity	65-85 % RH	65-30 % RH	EN 318
	Change in length	0.01% (Length)	-0.01% (Length)	
		0.01% (Cross)	-0.01% (Cross)	
	Change in thickness	0.24%	-0.26%	
Hygiene Health and Environment				
Water Permeability	No Performance Assessed			
Release of Dangerous Substances	Manufacturer's Declaration			
Energy economy and heat retention				
Thermal resistance	No performance assessed			
Water Vapour Transmission Coefficient	No performance assessed			

The performance of the product identified in points 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:

Name: Allan Beeston

Function: Global Application Manager – Fire Protection

Bromborough, UK. 01.08.2021

Signature

