

# DECLARATION OF PERFORMANCE

Date of issue: 15/06/2020

Replaces: DoP n° 0432-CPR-420002398/2 - 2017/1 of: 26/10/2017.

## No. 0432-CPR-00541-01 - 2020/2

1	<b>Unique identification of the product-type: STRUCTURA®-HD</b>								
2	<b>Intended uses</b> as given in the EN 14306:2009+A1:2013 : STRUCTURA®-HD is used in thermal insulation of building equipment and industrial installations (ThIBEII).								
3	<b>Name and contact address of the manufacturer:</b> Etex Building Performance N.V. Bormstraat 24 B-2830 Tiselt Belgium Plant: 01 www.promat-international.com								
4	<b>Authorised representative:</b> not applicable.								
5	<b>System or systems of Assessment and Verification of Constancy of Performance (AVCP):</b> see table under section 7.								
6a	<b>The construction product is covered by a harmonised standard: EN 14306:2009+A1:2013.</b> MPA NRW (Materialprüfungsamt Nordrhein-Westfalen), notified body n°0432, has issued a Certificate of Constancy of Performance for STRUCTURA®-HD with n°0432-CPR-00541-01.								
6b	<b>The construction product is not covered by a European Technical Assessment.</b>								
7	<b>Declared performance:</b>								
	<b>Essential characteristics</b>	<b>AVCP systems</b>	<b>Performance</b>					<b>Harmonised technical specification</b>	
	Thermal resistance	Thermal conductivity, W/(m.K)	3	100 °C	200 °C	400 °C	600 °C	800 °C	EN 14306:2009+A1:2013
			-	0,08 (db ≤ 25 mm); 0,07 (db > 25 mm)	-	-	-		
	Dimensions (thickness dD) and tolerances		3	NPD					
	Reaction to fire		1	A1					
	Durability of thermal resistance against high temperature	Maximum service temperature:	3	ST(+)1000 (≥1000°C)					
	Durability of thermal resistance against ageing/degradation	Dimensional stability	3	NPD					
		Maximum service temperature:	3	NPD					
		Minimum service temperature	3	NPD					
	Durability of reaction to fire against high temperature	Durability	3	NPD					
	Durability of thermal resistance against ageing/degradation	Durability	3	NPD					
	Compressive strength		3	(CS10)2000 (≥ 2000 kPa)					
	Rate of release of corrosive substances: Trace quantities of water-soluble chloride: Trace quantities of water-soluble fluoride: pH value:		3	NPD NPD pH 10,2					
	Water vapour diffusion resistance (transmission coefficient μ)		3	4					
	Short term water absorption by partial immersion		3	16,3					
	Release of dangerous substances to the indoor environment		3	NPD					
	Continuous glowing combustion		3	NPD					

8	<b>Appropriate Technical Documentation and/or Specific Technical Documentation:</b>		
		not applicable	

The performance of the product identified above is in conformity with the set of declared performance/s.

This declaration of performance is issued, in accordance with Regulation (EU) No 305/2011, under the sole responsibility of the manufacturer identified above.

The reader of this document is invited to visit the website "www.promat-ce.eu" to review the latest version of this DoP.

The Safety Data Sheet (SDS) of STRUCTURA®-HD is available on request.

Signed for and on behalf of the manufacturer by:

Name: Julien Soulhat  
Function: Global Approval Manager, Etex Building Performance International.

Tisselt, 15/06/2020.



Signature: