

# DECLARATION OF PERFORMANCE

## SI-FS108050LL7020-005



1. Unique identification code of the product-type:	<b>FI BRANxps SEI SM C 500-L</b>
2. Type, batch or serial number:	FS108050LL7020
3. Intended use or uses of the construction product, in accordance with the applicable harmonized technical specification as foreseen by the manufacturer:	Thermal Insulation for Buildings (THiB)  XPS-EN13164-T1-CS(10Y)500-DS(70,90)-DLT(2)5-TR400-CC(2/1,5/50)180-WL(T)0,7-WD(V)1-FTCD1-MJ50
4. Name and contact address of the manufacturer	<b>FIBRAN d.o.o. Novo mesto</b> Ko evarjeva ulica 1 SI-8000 Novo mesto, Slovenija <b>www.fibran.si</b>
6. System or systems of assessment and verification of constancy of performance of the construction product as set out in Annex V:	AVCP - System 3
7. Name and identification number of notified body	NB 0751 (FIW)

9. Essential characteristic - (EN13164:2012+A1:2015)	Symbol	Performance	
nominal width	bN [mm]	<b>600</b>	
nominal length	lN [mm]	<b>2500</b>	
thickness	dN [mm]	<b>80</b>	
Dimensional tolerances	T	<b>1</b>	
Compressive strength	CS(10Y) [kPa]	<b>500</b>	
Tensile strength perpendicular to faces	TR [kPa]	<b>400</b>	
Reaction to fire	Euro-class	<b>E</b>	
Continuous glowing combustion		<b>NPD</b>	
Acoustic absorption index		<b>NPD</b>	
water permeability	long term water absorption by total immersion	WL(T) [vol. %]	<b>0,7</b>
	long term water absorption by diffusion	WD(V) [vol. %]	<b>1</b>
Water vapor transmission	water vapor diffusion resistance factor	MJ	<b>50</b>
Durability of compressive strength against ageing/degradation	compressive creep	CC (2/1,5/50) [kPa]	<b>180</b>
Durability of thermal resistance against heat, weathering, ageing/degradation	declared thermal conductivity Lambda	D [W/m.K]	<b>0,034</b>
	declared thermal resistance	RD [m <sup>2</sup> .K/W]	<b>2,40</b>
	freeze-thaw resistance after long term water diffusion test	FTCD	<b>1</b>
	freeze/thaw resistance after long term water absorption by total immersion	FTCI	<b>NPD</b>
	dimensional stability under specified temperature and humidity conditions	DS	<b>(70,90)</b>
	Deformation under specified compressive load and temperature conditions	DLT	<b>(2)5</b>
dangerous substances	Release of dangerous substances to the indoor environment	GWP<5; ODP 0; HFC free	
durability of reaction to fire against heat, weathering, ageing/degradation	The reaction to fire performance of XPS does not change with time.		

10. 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 Novo mesto, 1. 01. 2024	Matej Lesar Research & Development
HBCD free	
'NPD' (No Performance Determined)	