


DECLARATION OF PERFORMANCE

SI-FS110050LL1010-004



1. Unique identification code of the product-type:	FIBRANxps 500 - L	
2. Type, batch or serial number:	FS110050LL1010	
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(10\Y)500-DS(70,90)-DLT(2)5-CC(2/1,5/50)180-WL(T)0,7-WD(V)1-FTCD1-MU150	
4. Name and contact address of the manufacturer	FIBRAN d.o.o. Novo mesto Kočvarjeva ulica 1 SI-8000 Novo mesto, Slovenija www.fibran.si	
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	FIW No 751	
9. Essential characteristic - (EN13164-ZA1)	Symbol	Performance
nominal width	bN [mm]	600
nominal length	lN [mm]	1250
thickness	dN [mm]	100
Dimensional tolerances	T	1
Compressive strength	CS(10\Y) [kPa]	500
Tensile strength perpendicular to faces	TR [kPa]	NPD
Reaction to fire	Euro-class	E
Continuous glowing combustion		NPD
Acoustic absorption index		NPD
water permeability	long term water absorption by total immersion WL(T) [vol.%]	0,7
	long term water absorption by diffusion WD(V) [vol.%]	1
Water vapor transmission	water vapor diffusion resistance factor MU	150
Durability of compressive strength against ageing/degradation	compressive creep CC (2/1,5/50) [kPa]	180
	declared thermal conductivity Lambda λ_D [W/m.K]	0,034
Durability of thermal resistance against heat, weathering, ageing/degradation	declared thermal resistance RD [m ² .K/W]	2,90
	freeze-thaw resistance after long term water diffusion test FTCD	1
	freeze/thaw resistance after long term water absorption by total immersion FTCI	NPD
	dimensional stability under specified temperature and humidity conditions DS	(70,90)
	Deformation under specified compressive load and temperature conditions DLT	(2)5
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, 01. 02. 2018	 Marijeta Vide Lutman R&D Quality Assurance Manager	
HBCD free 'NPD' (No Performance Determined)		