

DECLARATION OF PERFORMANCE

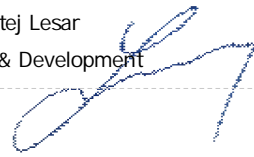
SI-FS114050LL1010-007



1. Unique identification code of the product-type:	FIBRANxps 500-L
2. Type, batch or serial number:	FS114050LL1010
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	FIBRAN d.o.o. Novo mesto Ko evarjeva 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	NB 0751 (FIW)

9. Essential characteristic - (EN13164:2012+A1:2015)		Symbol	Performance
nominal width		bN [mm]	600
nominal length		lN [mm]	1250
thickness		dN [mm]	140
Dimensional tolerances		T	1
Compressive strength		CS(10Y) [kPa]	500
Tensile strength perpendicular to faces		TR [kPa]	400
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	MJ	50
Durability of compressive strength against ageing/degradation	compressive creep	CC (2/1,5/50) [kPa]	180
Durability of thermal resistance against heat, weathering, ageing/degradation	declared thermal conductivity Lambda	D [W/m.K]	0,036
	declared thermal resistance	RD [m ² .K/W]	3,85
	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 listed above are in conformity with the declared performance. In accordance with Regulation (EU) no. 305/2011 the manufacturer listed above bears sole responsibility for issuing this declaration of performance.

Signed for and on behalf of the manufacturer by Novo mesto, 1. 11. 2024	Matej Lesar Research & Development 
HBCD free	
'NPD' (No Performance Determined)	