DECLARATION OF PERFORMANCE
SI-KC210050LL1010-004

1.	Unique identification code of the product-type:	**FIBRANxps 500 - L**
2.	Type, batch or serial number:	KC210050LL1010
3.	Intended use or uses of the construction product, in accordance with the applicable harmonized technical specification as foressen 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** Kočevarjeva 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**
Durability of thermal resistance against heat, weathering, ageing/degradation	declared thermal conductivity Lambda		λD [W/m.K]	**0,035**
	declared thermal resistance		RD [m2.K/W]	**2,85**
	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 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, 27. 03. 2018

Marjeta Vide Lutman
R&D Quality Assurance Manager

HBCD free

'NPD' (No Performance Determined)