DECLARATION OF PERFORMANCE
CZ-FCZ105050LL1010-001

1.	Unique identification code of the product-type:	**FIBRANxps 500-L**
2.	Type, batch or serial number:	FCZ105050LL1010
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-EN 13164-T1-CS(10\Y)500-DS(70,90)-DLT(2)5-TR400-CC(2/1,5/50)180-WL(T)0,7-WD(V)2-FTCD1-MU50
4.	Name and contact address of the manufacturer	**FIBRAN s.r.o.** Revoluční 1082/8 110 00 PRAHA 1 - NOVÉ MĚSTO **www.fibran.cz**
6.	System or systems of assessment and verification of constancy of performance of the construction product as set out in Annex V:	
7.	Name and identification number of notified body	

9. Essential characteristic - (EN13164:2012+A1:2015)		Symbol	Performance
nominal width		bN [mm]	**600**
nominal length		lN [mm]	**1250**
thickness		dN [mm]	**50**
Dimensional tolerances		T	**1**
Compressive strength		CS(10\Y) [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.%]	**2**
Water vapor transmission	water vapor diffusion resistance factor	MU	**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	λD [W/m.K]	**0,033**
	declared thermal resistance	RD [m2.K/W]	**1,50**
	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

Havran, 1. 01. 2025

Tomas Turek

Research & Development

HBCD free

'NPD' (No Performance Determined)