

Declaration of Performance

No 04-DoP-2022/01

1. Unique identification code of the product-type: **XPS-EN 13164 – T1 – CS(10/Y)300 – TR 200 – DS(70,90) – DLT(2)5 – WL(T)0,7**
2. Identification of the construction product: **TEMAX XPS**
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**
4. Name, registered trade name or registered trade mark and contact address of the manufacturer: **TEMAX BH Ltd., Orašje, Bosnia and Herzegovina**
5. Where applicable, name and contact address of the authorized representative whose mandate covers the tasks specified in Article 12(2): **not relevant**
6. System or systems of assessment and verification of constancy of performance of the construction product as set out in CPR, Annex V: **AVCP - System 3**
7. In case of the declaration of performance concerning a construction product covered by a harmonized standard: **Notified testing laboratory No. 2477 and No. 2372**
8. Declared performance according to harmonized standard: **EN 13164:2012+A1:2015**

Essential characteristics	Performance	Unit	Declared performance
Thermal Resistance	Thickness	d_N [mm]	80
	Thickness Class	T	T1
	Thermal Resistance	R_D [$m^2 K/W$]	2.60
	Thermal Conductivity	λ_D [W/m K]	0,036
Reaction to fire	Reaction to fire	Euroclass	E
Realease of Dangerous Substances	Realease of Dangerous Substances	-	NPD
Acoustic absorption index	Sound absorption	AW	NPD
Continous glowing combustion	Continous glowing combustion		NPD
Water Permeability	Long term water absorption by total immersion	WL(T) [vol.%]	0,7
	Long term water absorption by diffusion	WD(V) [vol.%]	NPD
Compressive strength	Compressive stress or compressive strength	CS(10/Y) [kPa]	350
Tensile/Flexural strength	Tensile Strength perpendicular to faces	TR [kPa]	NPD
Durability of reaction to fire against heat, weathering, ageing/degradation	Reaction to fire	Euroclass	E
Durability of thermal resistance against heat, weathering, ageing/degradation	Thermal Resistance	R_D [$m^2 K/W$]	2.60
	Thermal Conductivity	λ_D [W/m K]	0,036
	Freeze-thaw resistance after long term water diffusion test	FTCD	NPD
	Freeze/thaw resistance after long term water absorption by total immersion	FTCI	NPD
	Dimensional stability under specified temperature and humidity conditions	DS(70,90)	<5%
	Deformation under specified compressive load and temperature conditions	DLT	NPD
Durability of compressive strength against heat, weathering, ageing/degradation	Compressive creep	CC (2/1,5/50)	NPD

This declaration of performance is issued under the sole responsibility of the manufacturer identified in point 4.

Name: Kenan Alibabić
 Function: Director of TEMAX BH Ltd.
 Place: Orašje, Bosnia and Herzegovina
 Date: 05/01/2022
 Signature: _____

This product does not contains Hexabromocyclodecane (declaration according to CPR requirement Article 6 Paragraph 5)

