

Declaration of Performance

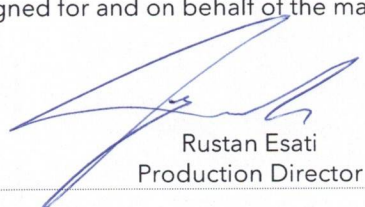
No 07-DoP-2023/01

1. Unique identification code of the product - type:	XPS-EN13164-T2-CS(10/Y)300-TR200-DS(70,90)-DLT(2)5-WL(T)0,7
2. Identification of the construction product:	TEMAX XPS
3. Intended use/uses:	Thermal insulation for buildings
4. Manufacturer:	TEMAX BH d.o.o. Orašje, Bosnia and Herzegovina
5. Authorized representative:	Not relevant
6. System or systems of AVCP:	AVCP - System 3
7. Notified body/ies:	Notified testing laboratory No. 1404, No. 2477 and No. 2372
8. Harmonized standard:	EN 13164:2012+A1:2015

Essential characteristics	Performance	Unit	Declared performance
Thermal resistance	Thickness	d_k [mm]	100
	Thickness class	T	T2
	Thermal resistance	R_D [m ² K/W]	2.94
	Thermal conductivity	λ_D [W/m K]	0,034
Reaction to fire	Reaction to fire	Euroclass	E
Release of dangerous substances	Release of dangerous substances	-	NPD
Acoustic absorption index	Sound absorption	AW	NPD
Continuous glowing combustion	Continuous 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]	≥ 300
Tensile/Flexural strength	Tensile strength perpendicular to faces	TR [kPa]	NPD
Durability of reaction to fire against heat, weathering, aging/degradation	Reaction to fire	Euro class	E
Durability of thermal resistance against heat, weathering, aging/degradation	Thermal resistance	R_D [m ² K/W]	2.94
	Thermal conductivity	λ_D [W/m K]	0,034
	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, aging/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.
This product does not contain Hexabromocyclodecane (declaration according to CPR requirement Article 6 Paragraph 5).

Signed for and on behalf of the manufacturer by:


Rustan Esati
Production Director

TEMAX BH DOO
Orašje, Bosnia and Herzegovina
13.01.2023