

# Declaration of Performance


## No 03-DoP-2023/01

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

Essential characteristics	Performance	Unit	Declared performance
Thermal resistance	Thickness	$d_N$ [mm]	40
	Thickness class	T	T2
	Thermal resistance	$R_0$ [m <sup>2</sup> K/W]	1,25
	Thermal conductivity	$\lambda_0$ [W/m K]	0,032
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	$R_0$ [m <sup>2</sup> K/W]	1,25
	Thermal conductivity	$\lambda_0$ [W/m K]	0,032
	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