

DECLARATION DE PERFORMANCES

Nº: 841180

1. **Product:**
TRADITERM PANEL CORCHO
2. **Manufacturer:**
GRUPO PUMA SL, located in: Avda Agrupación Córdoba 17, 14014 Córdoba - www.grupopuma.com
3. **Intended use:** For use as thermal insulation in buildings (EN 13170) according to specifications.
4. **System of evaluation :**
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5. **Notified bodies :**
Institute of Research and Technological Development for Construction, Environmental Energy and Sustainability nº 2211.
Coimbra (Portugal)
6. **Declared performances:**

<u>Essential characteristics</u>	<u>Performance</u>		<u>Harmonised technical specification</u>
Reaction to fire	Reaction to fire	EUROCLASS E	EN-13170:2012+A1:2015
Emission of harmful substances	Emission of harmful substances	PND	
Acoustic absorption indices	Acoustic absorption	PND	
Percussive noise transmission indices (for floors)	Dynamic stiffness	PND	
	Thickness, d	PND	
	Compressibility	PND	
	Airflow resistance	PND	
Airborne noise transmission indices	Airflow resistance	PND	
Continuous bright combustion	Continuous bright combustion	PND	
Thermal resistance	Thermal resistance	See table A	
	Thermal conductivity	0,039 W/m.K	
	Thickness, d	T1-T2 (d _i > 50mm)	
Water permeability	Water absorption	WS	
Water vapour permeability	Water vapor transmission	μ 20	
Compressive strength	Compressive strength at 10% deformation	CS(10)100	
	Point charge	PND	

<u>Essential characteristics</u>	<u>Performance</u>		<u>Harmonised technical specification</u>
Durability of reaction to fire with heat, weathering, aging/degradation	Durability characteristics	Compliese	
Durability of thermal resistance to heat, weathering, aging/degradation	Thermal resistance and thermal conductivity	Compliese	
	Durability characteristics	Compliese	
Tensile/flexural strength	Tensile strength perpendicular to faces	TR60 (25-60 mm) TR50 (65-300 mm)	
Compressive strength durability with aging/degradation	Compressive creep	CC(0,8/0,4/10)5	

Declared performances ICB-EN 13170 - L2-W2-T2-CS(10)700 - TR50-WS-MU20-CC(0,8/0,4/10)5-AFr35

Nominal Thickness mm	Thermal Resistance RD m2 K/ W	Nominal Thickness mm	Thermal Resistance RD m2 K/ W	Nominal Thickness mm	Thermal Resistance RD m2 K/ W
20	0,50	80	2,05	180	4,60
25	0,60	85	2,15	190	4,85
30	0,75	90	2,30	200	5,10
35	0,90	95	2,40	210	5,35
40	1,00	100	2,55	220	5,60
45	1,15	110	2,80	230	5,90
50	1,25	120	3,05	240	6,15
55	1,40	130	3,30	250	6,40
60	1,50	140	3,55	260	6,65
65	1,65	150	3,85	270	6,90
70	1,75	160	4,10	280	7,15
75	1,90	170	4,35	290	7,40
				300	7,65

The performances of the product identified in point 1 comply with the performance declared in point 6.

This declaration of features is issued under the sole responsibility of manufacturer stated in point 2.

Signed by and on manufacturer behalf

Place and date of issue: Córdoba, 30/09/2022



Technical director: José A. Ferre Martínez