

PH 20 KING

Technical Sheet - Issue 02/2022



Insulation panel suitable for external thermal insulation systems, made of expanded phenolic resin foam (PF) without the use of CFCs or HCFCs and HFCs. Suitable for the TERMOK8 FENOLICO system.

DESCRIPTION

Thermal insulation panel made of expanded phenolic resin foam (PF) without the use of CFCs or HCFCs and HFCs, with "Certificate of Conformity" [UNI EN 13166]. Coated on both sides with a thin film of saturated glass.

MAIN PROPERTIES

- EASE OF INSTALLATION
- HIGH THERMAL INSULATION
- REDUCED THICKNESS

SIZE AND THICKNESS

Available thicknesses: 2, 3, 4, 5, 6, 7, 8, 9, 10, 12 cm

Useful size: 120 cm x 40 cm

TECHNICAL DATA	Symbol	Value	REFERENCE STANDARD
Thermal conductivity for thicknesses from 20 to 40 mm for thicknesses from 50 to 120 mm	λ_D	0.021 W/mK 0.020 W/mK	EN 13166 - EN 12667
Reaction to fire	EUROCLASS	C, s2, d0	EN 13501-1
Resistance to vapour diffusion	μ	35	EN 12086
Specific heat	C_p	1750 J/kgK	EN 10456
Compressive stress at 10% deformation	CS(10/Y)	≥ 100 kPa	EN 826
Tensile strength perpendicular to the surface	TR	≥ 80 kPa	EN 1607
Water absorption due to partial immersion, short term	WS(P)	≤ 2 Kg/m ²	EN 29767

STORAGE PROCEDURE

Store the packaged product raised off the ground. Do not leave the packaged product exposed to the weather, humidity, or sun.

Do not leave the slabs for long periods of time in conditions and positions that may adversely affect their flatness.

NOTES

Compensate for any curvature of the slabs by applying different thicknesses of adhesive behind the slabs, up to a maximum of 15 mm.

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COMPANY
WITH QUALITY
MANAGEMENT
SYSTEM
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CERTIFICATIONS/CLASSIFICATIONS



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