kerakoll

DECLARATION OF PERFORMANCE N. 0723

1. Unique identification code of the product-type: **PANNELLO DA ZOCCOLATURA**
2. Intended use/es: **Thermal insulation for buildings**
3. Manufacturer: **Kerakoll S.p.A Via dell'Artigianato, 9 - 41049 Sassuolo (MO) Italia**
4. System/s of AVCP: **System 3**
5. Harmonised standard: **EN 13163:2012+A1:2015**
   Notified body/ies: **I.I.P. – Istituto Italiano dei Plastici S.r.l. n. 1597**
6. Declared performance/s:

Essential characteristics	Performance
Reaction to fire	Class E
Durability of reaction to fire against heat, weathering, ageing/degradation	The fire performance of EPS does not deteriorate with time
Thermal conductivity (λ_D)	0,034 W /mK
Thermal resistance (R_D)	See Tab.1
Durability of thermal resistance against heat, weathering, ageing/degradation	Thermal conductivity of EPS products does not change with time
Dimensional tolerances	
- Lenght - Width - Thickness - Squareness - Flatness	L(2) W(2) T(1) S(2) P(5)
Compressive stress at 10 % deformation	CS(10)150
Tensile strength perpendicular to faces	TR250
Bending strength	BS250
Water permeability	
- Long-term water absorption by partial immersion - Long-term water absorption by total immersion	WL(P)0,5 WL(T)4

KERAKOLL Spa - Società con unico socio Fin Firel Spa - Soggetta a direzione e coordinamento di Fin-Firel Spa
via dell'Artigianato, 9 - 41049 Sassuolo (MO) Italia - Tel +39 0536 816 511 - Fax +39 0536 816 581 - e-mail: info@kerakoll.com
Rea MO n. 231812 - Reg. Imp. / Cod. Fisc. / P. Iva IT 01174510360 - Cap. Soc. € 2.000.000,00 i.v.

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Essential characteristics	Performance
Water vapour permeability (μ)	30-70
Dimensional stability	
- Dimensional stability under specified temperature and humidity conditions (90%)	DS(23,90)1
- Dimensional stability under constant normal laboratory conditions	DS(N)5
Release of dangerous substances	NPD
Dynamic stiffness	NPD
Compressibility	NPD
Continuous glowing combustion	NPD
Durability of compressive strength against ageing and degradation	
- Compressive creep	NPD
- Freeze-thaw resistance	NPD
- Long-term thickness reduction	NPD

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Tab.1

Thermal Resistance (R_D)	
Nominal thickness (mm)	**R_D (m^2K/W)**
30	0,85
40	1,15
50	1,45
60	1,75
80	2,35
100	2,90
120	3,50
140	4,10
150	4,40
160	4,70
180	5,25
200	5,85
220	6,45

The performance of the product identified above is in conformity with the set of declared performance/s. This declaration of performance is issued, in accordance with Regulation (EU) No 305/2011, under the sole responsibility of the manufacturer identified above.

Signed for and on behalf of the manufacturer by: **Romano Sghedoni (legal representative)**

At Sassuolo, on 06/03/2026