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DECLARATION OF PERFORMANCE N. 0728

1. Unique identification code of the product-type: **KLIMA AIRPLUS**
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: **LGAI Technological Center SA n. 0370**
6. Declared performance/s:

Essential characteristics	Performance
Reaction to fire of the product as placed on the market	Class E
Thermal Conductivity (λ_D)	0,031 W /mK
Thermal Resistance (R_D)	See Tab.1
Tensile strength perpendicular to faces	TR100
Bending strength	≥ 45
Shear strength	≥ 1000
Water permeability	
- Long term water absorption by partial immersion - Long term water absorption by partial immersion	WL(P)0,5 WL(T)3
Water vapour permeability (μ)	20-40
Dimensional tolerances	
- Length - Width - Thickness - Squareness - Flatness	L(2) W(2) T(1) S(2) P(3)

KERAKOLL Spa - Società con unico socio Fin Firel Spa - Soggetta a direzione e coordinamento di Fin-Firel Spa
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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
Dimensional stability under normal laboratory conditions	DS(N)2
Durability of reaction to fire against ageing/degradation	Reaction to fire performance of EPS does not deteriorate with time
Durability of thermal resistance against ageing/degradation	Thermal conductivity of EPS does not change with time
Bending strength	NPD
Compressive strength	NPD
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

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Tab.1

Thermal Resistance (R_D)	
Nominal thickness (mm)	**R_D (m^2K/W)**
100	3,20
120	3,85
140	4,50
150	4,80
160	5,15
180	5,80
200	6,45

The performance of the product identified above is in conformity with the set of declared performances. 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 28/10/2026

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