



kerakoll

DECLARATION OF PERFORMANCE No 0571

1. Unique identification code of the product-type: **KLIMAEXPERT System**

Products system components: Keraklima Eco, Klima Air (variante EPS WHITE TR100), Klima Air Black (variante EPS BLACK TR100), EPS white/black TR100, Rinforzo V50, Kerakover Acrilex Fondo, Kerakover Kompact New, Kerakover Acrilex Finish.

2. Intended use/es: **External thermic insulation of walls and buildings**

3. Manufacturer: **Kerakoll Ibérica, S.A.U. – Ctra. Alcora Km 10,450 Castellón - España**

4. System/s of AVCP: **System 2+**

5. European Assessment Document: **EAD 040083-00-0404, January 2019**

European Technical Assessment:: **ETA-24/0933 of 07/11/2024**

Technical Assessment Body: **ITeC**

Notified body/ies: **ITeC n°1220**

6. Declared performance/s:

- Safety in case of fire (BWR 2)

Essential characteristics	Performance
Reaction to fire	
- Reaction to fire of ETICS	Euroclasse B – s1,d0
- Reaction to fire of thermal insulation material	Class E
Facade fire performance	NPA

- Hygiene, health and the environment (BWR 3)

Essential characteristics	Performance
Content, emission and/or release of dangerous substances – leachable substances	NPA
Water absorption	
- of the base coat and the rendering system (after 24 h)	
<i>Keraklima Eco</i>	0.17 Kg/m ²
<i>Keraklima Eco+ Kerakover Acrilex Fondo + Kerakover Kompact new</i>	0.35 Kg/m ²
<i>Keraklima Eco+ Kerakover Acrilex Fondo + Kerakover Acrilex Finish</i>	0.24 Kg/m ²
- of the thermal insulation product	
<i>EPS white TR100 and EPS Black TR100</i>	$W_{ip} \leq 0.5 \text{ kg/m}^2$
<i>EPS white/black TR100</i>	$W_{ip} \leq 1.0 \text{ kg/m}^2$
Hygrothermal behaviour	satisfied
Freeze thaw performance	satisfied
Impact resistance	category II
Water vapour permeability	
- of the rendering system	$S_D \leq 2.0$

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C.I.F. A-12331435. Inscrita en el Registro Mercantil de CASTELLÓN, TOMO 594, LIBRO 161, FOLIO 101, HOJA N.º CS 4393, INSC. I.ª SECC. G.



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Essential characteristics	Performance
- of the thermal insulation product	
<i>EPS white TR100 and EPS Black TR100</i>	20-30 μ
<i>EPS white/black TR100</i>	20-70 μ

- Safety and accessibility in use (BWR 4)

Essential characteristics	Performance		
Bond strength (dry conditions)			
- between base coat and insulation product	Cs	159	151
- between adhesive and concrete	Cs	1192	1164
- between adhesive and insulation product	Cs	159	151
Tensile strenght_EPS (dry conditions)	EPS-EN 13163-TR100		
Shear strength	≥ 20 kPa		
Modulus of elasticity	≥ 1000 kPa		
Bond strenght after ageing			
	Rupture typology	Mean value (kPa)	
<i>Kerakover Kompact medio</i>	Cs	80	
<i>Kerakover Acrilex Finish 1.0</i>	Cs	69	

- Protection against noise (BWR 5)

Essential characteristics	Performance
Airborne sound insulation of ETICS	NPA

- Energy economy and Heat retention (BWR 7)

Essential characteristics	Performance	
	Thickness min (mm)	Thermal resistance R_{ETICS} (m^2K/W)
<i>Klima Air</i>	30	0.85
<i>Klima Air Black</i>	30	0.99

Cs: Cohesive failure in substrate;

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: **Pau Ramia (legal representative)**

At Castellon, on 19/12/2024

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24 KlimaExpert KLIMA AIR BLACK DoP n° 0571	
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