



## DECLARATION OF PERFORMANCE N. 0628

1. Unique identification code of the product-type: **Sistema KLIMAEXPERT ETA MW**

*Componenti del sistema: Klima Light Calce, Keraklima Granello, Klima Fix White/Grey, Klima Airwool, Klima Airwool Plus, Mineral Wool generic type MIN. TR7.5, Klima HP, Rinforzo V50, Kerakover Silox Fondo, Biocalce Silicato Fondo, Universal Wall Grip, Silox Finish 1.0, 1.2, 1.5, Biocalce Silicato Puro 1.0, 1.2, 1.5, Exence Quartz Finish 1.0, 1.2, 1.5, Kompact Finish 1.2, 1.5.*

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

3. Manufacturer: **Kerakoll S.p.A Via dell'Artigianato, 9 - 41049 Sassuolo (MO) Italy**

4. System/s of AVCP: **System 1**

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

European Technical Assessment: **ETA-24/0394 del 16/08/2024**

Technical Assessment Body: **TZUS (TECHNICKY A ZKUSEBNI USTAV STAVEBNI PRAHA s.p.)**

Notified body/ies: **TZUS n°1020**

6. Declared performance/s:

• **Safety in case of fire (BWR 2)**

Essential characteristics	Performance
<b>Reaction to fire</b>	
- Reaction to fire of ETICS	A2 -s1, d0
- Reaction to fire of thermal insulation material	NPD See ETA-24/0394 of 14/09/2025, Annex 4-6, for component characteristics

• **Hygiene, Health and Environment (BWR 3)**

Essential characteristics	Performance
<b>Content, emission and/or release of dangerous substances – leachable substances</b>	NPD
<b>Water absorption</b>	
- of the base coat and the rendering system (after 24 h)	
Klima Light Calce	0.43 Kg/m2
Klima Fix white	0.42 Kg/m2
Klima Fix Grey	0.48 Kg/m2
Keraklima Granello	0.21 Kg/m2
Klima Light Calce + Silox Finish	0.38 Kg/m2
Klima Light Calce + Biocalce Silicato Puro	0.42 Kg/m2
Klima Light Calce + Exence Quartz Finish 1.0, 1.2, 1.5	0.44 Kg/m2
Klima Light Calce + Kompact Finish 1.2, 1.5	0.43 Kg/m2
Klima Fix (White/Grey) + Silox Finish	0.46 Kg/m2
Klima Fix (White/Grey) + Biocalce Silicato Puro	0.42 Kg/m2
Klima Fix (White/Grey) + Exence Quartz Finish 1.0, 1.2, 1.5	0.30 Kg/m2



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Essential characteristics	Performance
<b>Water absorption</b>	
- of the base coat and the rendering system (after 24 h)	
<i>Klima Fix (White/Grey) + Kompact Finish 1.2, 1.5</i>	0.46 Kg/m <sup>2</sup>
<i>Keraklima Granello + Silox Finish</i>	0.47 Kg/m <sup>2</sup>
<i>Keraklima Granello + Biocalce Pure Silicate</i>	0.38 Kg/m <sup>2</sup>
<i>Keraklima Granello + Exence Quartz Finish 1.0, 1.2, 1.5</i>	0.48 Kg/m <sup>2</sup>
<i>Keraklima Granello + Kompact Finish 1.2, 1.5</i>	0.47 Kg/m <sup>2</sup>
of the thermal insulation product	NPD See ETA-24/0394 of 14/09/2025, Annexe 4-6, for component characteristics
Hygrothermal behavior	Resistant to hygrothermal cycles
Freeze/thaw behavior	Resistant to freezing and thawing
<b>Impact resistance</b>	<b>Category</b>
<i>Klima Light Calce</i>	II
<i>Klima Fix White/Grey</i>	III
<i>Keraklima Granello</i>	III
<i>Klima HP</i>	I

Essential characteristics	Performance
<b>Water vapour permeability</b>	
- of the the rendering system	<b>SD [m]</b>
<i>Klima Light Calce + Silox Finish 1.0, 1.2, 1.5</i>	0.4
<i>Klima Light Calce + Biocalce Silicato Puro 1.0, 1.2, 1.5</i>	0.2
<i>Klima Fix (White/Grey) + Silox Finish 1.0, 1.2, 1.5</i>	0.3
<i>Klima Fix (White/Grey) + Biocalce Silicato Puro 1.0, 1.2, 1.5</i>	0.3
<i>Klima Fix (White/Grey) + Exence Quartz Finish 1.0, 1.2, 1.5</i>	0.8
<i>Klima Fix (White/Grey) + Kompact Finish 1.2, 1.5</i>	0.9
<i>Keraklima Granello + Silox Finish 1.0, 1.2, 1.5</i>	0.4
<i>Keraklima Granello + Biocalce Silicato Puro 1.0, 1.2, 1.5</i>	0.2
<i>Keraklima Granello + Exence Quartz Finish 1.0, 1.2, 1.5</i>	0.8
<i>Keraklima Granello + Kompact Finish 1.2, 1.5</i>	0.9
<i>Klima HP + Silox Finish 1.0, 1.2, 1.5</i>	0.6
<i>Klima HP + Biocalce Silicato Puro 1.0, 1.2, 1.5</i>	0.4
<i>Klima HP + Exence Quartz Finish 1.0, 1.2, 1.5</i>	0.9
<i>Klima HP + Kompact Finish 1.2, 1.5</i>	0.7
- Vapour permeability of thermal insulation product	NPD See ETA-24/0394 of 14/09/2025, Annexe 4-6, for component characteristics

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- **Safety and accessibility in use (BWR 4)**

Essential characteristics	Performance	
Bond strength between base coat and thermal insulation product (mortar or paste) - dry condition		
Ropture Type: Insulating Product		
	Mean value [kPa]	Min. value [kPa]
Insulating product 1,2,3 + Klima Light Calce	10	10
Insulating product 1.3 + Klima Fix (White/Grey)	7	6
Insulating product 2 + Klima Fix (White/Grey)	11	10
Insulating product 1.3 + Keraklima Granello	7	6
Insulating product 2 + Keraklima Granello	10	10
Insulating product 1,2,3 + Klima HP	10	10
Bond strength between base coat and thermal insulation product (mortar or paste) – After hygrothermal cycles		
Ropture Type: Insulating Product		
	Mean value [kPa]	Min. value [kPa]
Insulating product 1,2,3 + Klima Light Calce	10	10
Insulating product 1.3 + Klima Fix (White/Grey)	6	6
Insulating product 2 + Klima Fix (White/Grey)	10	9
Insulating product 1.3 + Keraklima Granello	8	7
Insulating product 2 + Keraklima Granello	10	10
Insulating product 1,2,3 + Klima HP	7	6

Essential characteristics	Performance
Bond strength between adhesive and substrate	NPD
Bond strength between adhesive and thermal insulation product	NPD
Fixing strength (transverse displacement)	NPD
Wind load resistance of ETICS	
- Pull-through test of fixings	§ 3.3.3 ETA 24/0394 of 14/09/2025
- Static foam block test	NPD
- Dynamic wind uplift test	NPD
Tensile test perpendicular to the faces of the thermal insulation product	
- in dry conditions	See ETA-24/0394 of 14/09/2025, Annexe 4-6, for component characteristics
- in wet conditions	NPD
Shear strength and shear modulus of elasticity test of ETICS	NPD
Render strip tensile test	NPD



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Essential characteristics	Performance
<b>Bond strenght after ageing of finishing coat tested on the rig</b>	
<b>Ropture Type: Insulating Product</b>	
	<b>Mean value [kPa]</b>
Insulating product 2 <b>Klima Light Calce</b> Intermediate Fund (in accordance with Table 1 ETA 24/0394 of 14/09/2025) Finishing coat Exence Quartz Finish 1.0, 1.2, 1.5	10
Insulating product 2 <b>Klima Light Calce</b> Intermediate Fund (in accordance with Table 1 ETA 24/0394 of 14/09/2025) Finishing coat Kompact Finish 1.2, 1.5	10
Insulating product 1,2,3 <b>Klima Light Calce</b> Intermediate Fund (in accordance with Table 1 ETA 24/0394 of 14/09/2025) Finishing coat Silox Finish 1.0, 1.2, 1.5	6.5
Insulating product 1,2,3 <b>Klima Light Calce</b> Intermediate Fund (in accordance with Table 1 ETA 24/0394 of 14/09/2025) Finishing coat Biocalce Silicate Puro	6.8
Insulating product 2 <b>Klima Fix (White/Grey)</b> Intermediate Fund (in accordance with Table 1 ETA 24/0394 of 14/09/2025) Finishing coat Exence Quartz Finish 1.0, 1.2, 1.5	12
Insulating product 2 <b>Klima Fix (White/Grey)</b> Intermediate Fund (in accordance with Table 1 ETA 24/0394 of 14/09/2025) Finishing coat Silox Finish 1.0, 1.2, 1.5	9
Insulating product 2 <b>Klima Fix (White/Grey)</b> Intermediate Fund (in accordance with Table 1 ETA 24/0394 of 14/09/2025) Finishing coat Biocalce Silicate Puro	15
Insulating product 1,2,3 <b>Klima HP</b> Intermediate Fund (in accordance with Table 1 ETA 24/0394 of 14/09/2025) Finishing coat Silox Finish 1.0, 1.2, 1.5	9
Insulating product 1,2,3 <b>Klima HP</b> Intermediate Fund (in accordance with Table 1 ETA 24/0394 of 14/09/2025) Finishing coat Biocalce Silicate Puro	10
Insulating product 1,2,3 <b>Klima HP</b> Intermediate Fund (in accordance with Table 1 ETA 24/0394 of 14/09/2025) Finishing coat Exence Quartz Finish 1.0, 1.2, 1.5	8
Insulating product 1,2,3 <b>Klima HP</b> Intermediate Fund (in accordance with Table 1 ETA 24/0394 of 14/09/2025) Finishing coat Kompact Finish 1.2, 1.5	10

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Essential characteristics	Performance
<b>Bond strenght after ageing of finishing coat NOT tested on the rig</b>	
<b>Ropture Type: Insulating Product</b>	
	<b>Mean value [kPa]</b>
Insulating product 2 <b>Klima Light Calce</b> Intermediate Fund (in accordance with Table 1 ETA 24/0394 of 14/09/2025) Finishing coat Exence Quartz Finish 1.0, 1.2, 1.5	10
Insulating product 2 <b>Klima Light Calce</b> Intermediate Fund (in accordance with Table 1 ETA 24/0394 of 14/09/2025) Finishing coat Kompact Finish 1.2, 1.5	11
Insulating product 1,2,3 <b>Klima Light Calce</b> Intermediate Fund (in accordance with Table 1 ETA 24/0394 of 14/09/2025) Finishing coat Silox Finish 1.0, 1.2, 1.5	7
Insulating product 1,2,3 <b>Klima Light Calce</b> Intermediate Fund (in accordance with Table 1 ETA 24/0394 of 14/09/2025) Finishing coat Biocalce Silicate Puro	7
Insulating product 1,2,3 <b>Klima Light Calce</b> Intermediate Fund (in accordance with Table 1 ETA 24/0394 of 14/09/2025) Finishing coat Exence Quartz Finish 1.0, 1.2, 1.5	7
Insulating product 1,2,3 <b>Klima Light Calce</b> Intermediate Fund (in accordance with Table 1 ETA 24/0394 of 14/09/2025) Finishing coat Kompact Finish 1.2, 1.5	7
Insulating product 1,2,3 <b>Klima Fix White</b> Intermediate Fund (in accordance with Table 1 ETA 24/0394 of 14/09/2025) Finishing coat Silox Finish 1.0, 1.2, 1.5	7
Insulating product 1,2,3 <b>Klima Fix White</b> Intermediate Fund (in accordance with Table 1 ETA 24/0394 of 14/09/2025) Finishing coat Exence Quartz Finish 1.0, 1.2, 1.5	7
Insulating product 1,2,3 <b>Klima Fix White</b> Intermediate Fund (in accordance with Table 1 ETA 24/0394 of 14/09/2025) Finishing coat Biocalce Silicate Puro	7

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Essential characteristics	Performance
<b>Bond strenght after ageing of finishing coat NOT tested on the rig</b>	
<b>Ropture Type: Insulating Product</b>	
	<b>Mean value [kPa]</b>
Insulating product 1,2,3 <b>Klima Fix White</b> Intermediate Fund (in accordance with Table 1 ETA 24/0394 of 14/09/2025) Finishing Coat Kompact Finish 1.2, 1.5	7
Insulating product 1,2,3 <b>Klima Fix Grey</b> Intermediate Fund (in accordance with Table 1 ETA 24/0394 of 14/09/2025) Finishing Coat Silox Finish 1.0, 1.2, 1.5	7
Insulating product 1,2,3 <b>Klima Fix Grey</b> Intermediate Fund (in accordance with Table 1 ETA 24/0394 of 14/09/2025) Finishing Coat Exence Quartz Finish 1.0, 1.2, 1.5	7
Insulating product 1,2,3 <b>Klima Fix Grey</b> Intermediate Fund (in accordance with Table 1 ETA 24/0394 of 14/09/2025) Finishing Coat Biocalce Silicate Puro	8
Insulating product 1,2,3 <b>Klima Fix Grey</b> Intermediate Fund (in accordance with Table 1 ETA 24/0394 of 14/09/2025) Finishing Coat Kompact Finish 1.2, 1.5	6
Insulating product 1,2,3 <b>Keraklima Granello</b> Intermediate Fund (in accordance with Table 1 ETA 24/0394 of 14/09/2025) Finishing Coat Silox Finish 1.0, 1.2, 1.5	8
Insulating product 1,2,3 <b>Keraklima Granello</b> Intermediate Fund (in accordance with Table 1 ETA 24/0394 of 14/09/2025) Finishing Coat Exence Quartz Finish 1.0, 1.2, 1.5	8
Insulating product 1,2,3 <b>Keraklima Granello</b> Intermediate Fund (in accordance with Table 1 ETA 24/0394 of 14/09/2025) Finishing Coat Biocalce Silicate Puro	7
Insulating product 1,2,3 <b>Keraklima Granello</b> Intermediate Fund (in accordance with Table 1 ETA 24/0394 of 14/09/2025) Finishing Coat Kompact Finish 1.2, 1.5	8

Essential characteristics	Performance
Tensile strength of fiberglass mesh	See ETA-24/0394 of 14/09/2025, Annex 8, for component characteristics

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- **Protection against noise (BWR 5)**

Essential characteristics	Performance
Airborne noise isolation	§ 3.4.1 ETA 24/0394 of 14/09/2025
Dynamic stiffness of the thermal insulation product	NPD
Resistance to air mass flow of thermal insulation product	NPD
Thermal resistance and thermal transmittance of ETICS	$\geq 1 \text{ m}^2\text{K/W}$
Thermal insulation material	See Annex 4-6 for component characteristics

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 11/12/2025

**Note:**

*Insulation product 1: Klima Airwool*

*Insulation product 2: Klima Airwool Plus*

*Insulating product 3: Mineral Wool generic type MIN. TR7.5*

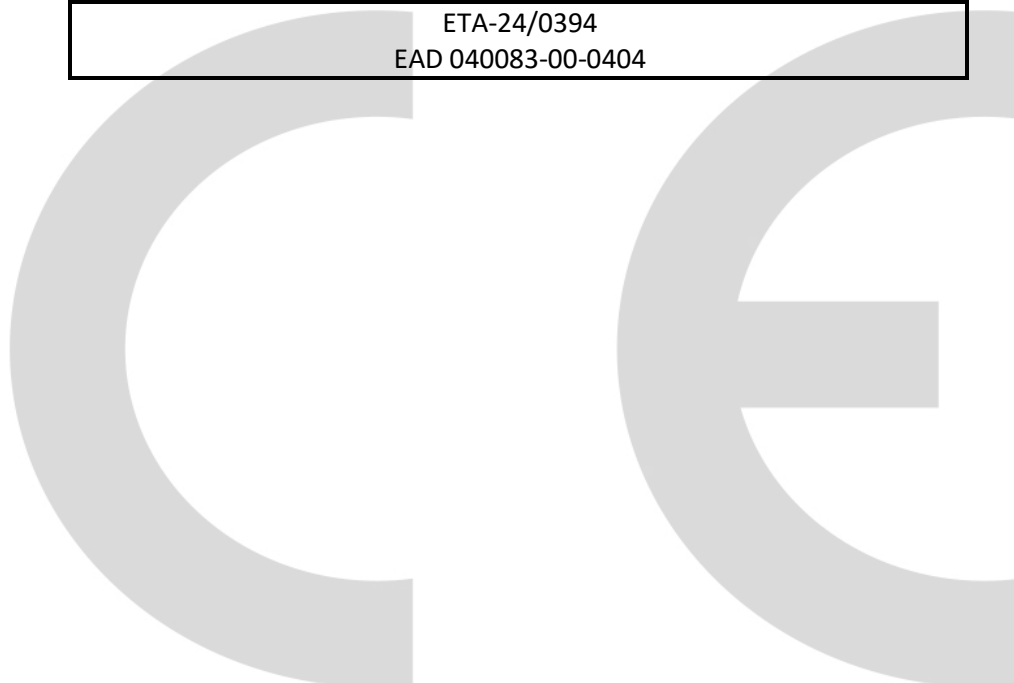
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