



kerakoll

DECLARATION OF PERFORMANCE N. 0282

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

Products system components: Klima Flex, Keraklima, Keraklima Granello, Klima Fix, Klima Light, Klima HP, Klima Air (variant EPS WHITE TR100), Klima Air Plus (variant EPS BLACK TR100), Klima Air Black (variant EPS BLACK TR100), Klima Airtech (variant EPS WHITE TR150), EPS ETICS (variant EPS WHITE/BLACK TR100-150), Rinforzo V50, Universal Wall Grip, Kompact Finish 1.2, 1.5, Exence Quartx Finish 1.0, 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 AVCP: **System 2+**

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

European Technical Assessment: **ETA-24/0626 of 14/09/2025**

Technical Assessment Body: **TZUS (TECHNICKÝ A ZKUŠEBNÍ ÚSTAV STAVEBNÍ PRAHA s.p.)**

Notified Body/ies: **TZUS n°1020**

6. Declared performance/s:

• **Safety in case of fire (BWR 2)**

Essential characteristics	Performance
Reaction to fire	
- Reaction to fire of ETICS	Euroclass B – s1 d0 (with the use of all base coats except Klima HP)
	Euroclass B – s2 d0 (with the use of the Klima HP)
- Reaction to fire of thermal insulation material	NPD See ETA-24/0626 of 14/09/2025, Annex 3-9, for component characteristics
Façade fire performance	NPD

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

Essential characteristics	Performance				
Content, emission and/or release of hazardous substances	NPD				
Water absorption					
- of the base coat ¹ and the rendering system ² (after 24 hours)					
<i>Klima Flex</i>	¹ 0.28 Kg/m ² ² 0.30 Kg/m ² ² 0.33 Kg/m ²				
<i>Keraklima</i>	¹ 0.17 Kg/m ² ² 0.27 Kg/m ² ² 0.40 Kg/m ²				
<i>Keraklima Granello</i>	¹ 0.12 Kg/m ² ² 0.22 Kg/m ² ² 0.38 Kg/m ²				
<i>Klima Fix</i>	<table border="1"><thead><tr><th>Grey</th><th>White</th></tr></thead><tbody><tr><td>¹0.46 Kg/m² ²0.29 Kg/m² ²0.43 Kg/m²</td><td>¹0.46 Kg/m² ²0.29 Kg/m² ²0.43 Kg/m²</td></tr></tbody></table>	Grey	White	¹ 0.46 Kg/m ² ² 0.29 Kg/m ² ² 0.43 Kg/m ²	¹ 0.46 Kg/m ² ² 0.29 Kg/m ² ² 0.43 Kg/m ²
Grey	White				
¹ 0.46 Kg/m ² ² 0.29 Kg/m ² ² 0.43 Kg/m ²	¹ 0.46 Kg/m ² ² 0.29 Kg/m ² ² 0.43 Kg/m ²				
<i>Klima Light</i>	¹ 0.36 Kg/m ² ² 0.45 Kg/m ² ² 0.43 Kg/m ²				

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Essential characteristics	Performance
Water absorption	
- of the base coat ¹ and the rendering system ² (after 24 hours)	
<i>Klima HP</i>	¹ 0.21 Kg/m ² ² 0.23 Kg/m ² ² 0.29 Kg/m ²
- of the thermal insulation product	NPD See ETA-24/0626 of 14/09/2025, Annex 3-9, for component characteristics
Hygrothermal behavior	Resistant to hygrothermal cycles
Freeze/thaw behavior	Resistant to freezing and thawing
<i>Impact resistance made on rig</i>	Category II
<i>Impact resistance not realized on rig</i>	Category III (with the use of all base coats except Klima HP) Category I (with the use of the Klima HP)

Essential characteristics	Performance
Water vapour permeability	
- of the rendering system	SD [m]
<i>Klima Flex</i> <i>Kompact Finish 1.2, 1.5</i>	0.6
<i>Keraklima</i> <i>Kompact Finish 1.2, 1.5</i>	0.6
<i>Keraklima Granello</i> <i>Kompact Finish 1.2, 1.5</i>	0.5
<i>Klima Fix White/Grey</i> <i>Kompact Finish 1.2 & 1.5</i>	0.9
<i>Klima Fix White/Grey</i> <i>Excence Quartz Finish 1.0, 1.2, 1.5</i>	0.8
<i>Klima Light</i> <i>Kompact Finish 1.2, 1.5</i>	1.0
<i>Klima Light</i> <i>Excence Quartz Finish 1.0, 1.2, 1.5</i>	0.8
- of the thermal insulation product	NPD See ETA-24/0626 of 14/09/2025, Annex 3-9, for component characteristics

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

Essential characteristics	Performance	
Bond strength in dry conditions		
Ropture Type: Insulating Product		
	Mean value [kPa]	Min. value [kPa]
<i>Klima Flex</i>		
- between base coat and thermal insulation product	100	100
- between adhesive and concrete	1180	1098
- between adhesive and EPS thermal insulation product	100	100

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Essential characteristics	Performance	
Bond strength in dry conditions		
Ropture Type: Insulating Product		
	Mean value [kPa]	Min. value [kPa]
Keraklima		
- between base coat and thermal insulation product	159	151
- between adhesive and concrete	1192	1164
- between adhesive and EPS thermal insulation product	159	151
Keraklima Granello		
- between base coat and thermal insulation product	140	140
- between adhesive and concrete	1530	1480
- between adhesive and EPS thermal insulation product	140	140
Klima Fix Grey		
- between base coat and thermal insulation product	149	138
- between adhesive and concrete	616	446
- between adhesive and EPS thermal insulation product	130	120
Klima Fix Bianco		
- between base coat and thermal insulation product	136	129
- between adhesive and concrete	307	240
- between adhesive and EPS thermal insulation product	130	120
Klima Light		
- between base coat and thermal insulation product	109	99
- between adhesive and concrete	870	810
- between adhesive and thermal insulation product	110	90
Klima HP		
- between base coat and thermal insulation product	126	119
- between adhesive and thermal insulation product	126	119

Essential characteristics	Performance
Tensile test perpendicular to the face of the thermal insulation product	NPD See ETA-24/0626 of 14/09/2025, Annex 3-9, for component characteristics
Shear strength and shear modulus of elasticity test of ETICS	NPD See ETA-24/0626 of 14/09/2025, Annex 3-9, for component characteristics
Render strip tensile test	NPD See ETA-24/0626 of 14/09/2025, Annex 3-9, for component characteristics

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Essential characteristics	Performance
Bond strength after ageing of the finish tested on the rig	
Ropture Type: Insulating Product	
	Mean value [kPa]
<i>TR100 Insulator</i> Klima Flex <i>First Universal Wall Grip</i> <i>Kompact Finish 1.2, 1.5</i>	100
<i>TR100 Insulator</i> Keraklima <i>First Universal Wall Grip</i> <i>Kompact Finish 1.2, 1.5</i>	80
<i>TR100 Insulator</i> Keraklima Granello <i>First Universal Wall Grip</i> <i>Kompact Finish 1.2, 1.5</i>	100
<i>TR100 Insulator</i> Klima Fix Grey/White <i>First Universal Wall Grip</i> <i>Kompact Finish 1.2, 1.5</i>	97
<i>TR100 Insulator</i> Klima Fix Grey/White <i>First Universal Wall Grip</i> <i>Exence Quartz Finish 1.0, 1.2, 1.5</i>	118
<i>TR100 Insulator</i> Klima Light <i>First Universal Wall Grip</i> <i>Kompact Finish 1.2, 1.5</i>	116
<i>TR100 Insulator</i> Klima Light <i>First Universal Wall Grip</i> <i>Exence Quartz Finish 1.0, 1.2, 1.5</i>	127
<i>TR100 Insulator</i> Klima HP <i>First Universal Wall Grip</i> <i>Kompact Finish 1.2, 1.5</i>	150
<i>TR100 Insulator</i> Klima HP <i>First Universal Wall Grip</i> <i>Exence Quartz Finish 1.0, 1.2, 1.5</i>	117

Essential characteristics	Performance
Bond strenght after ageing of finishing coat NOT tested on the rig	
Ropture Type: Insulating Product	
	Mean value [kPa]
<i>TR100 Insulator</i> Klima Flex <i>Primer Universal Wall Grip</i> <i>Kompact Finish 1.2, 1.5</i>	122

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Essential characteristics	Performance
Bond strenght after ageing of finishing coat NOT tested on the rig	
Ropture Type: Insulating Product	
	Mean value [kPa]
<i>TR100 Insulator</i> Klima Flex <i>Primer Universal Wall Grip</i> <i>Exence Quartz Finish 1.0, 1.2, 1.5</i>	137
<i>TR100 Insulator</i> Keraklima <i>Primer Universal Wall Grip</i> <i>Kompact Finish 1.2, 1.5</i>	136
<i>TR100 Insulator</i> Keraklima <i>Primer Universal Wall Grip</i> <i>Exence Quartz Finish 1.0, 1.2, 1.5</i>	123
<i>TR100 Insulator</i> Keraklima Granello <i>Primer Universal Wall Grip</i> <i>Kompact Finish 1.2, 1.5</i>	141
<i>TR100 Insulator</i> Keraklima Granello <i>Primer Universal Wall Grip</i> <i>Exence Quartz Finish 1.0, 1.2, 1.5</i>	138

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

Essential characteristics	Performance
Airborne sound insulation of ETICS	NPD

- **Energy Saving and Heat Retention (BWR 7)**

Essential characteristics	Performance
Thermal resistance of the thermal insulation product	NPD See ETA-24/0626 of 14/09/2025, Annex 3-9, 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

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