FASSA BORTOLO
QUALITY FOR CONSTRUCTION

DECLARATION OF PERFORMANCE

No. 007-CPR-24-02

1. Unique identification code of the product-type: **FASSATHERM CLASSIC A96 100**
2. Intended uses: **Composite External Thermal Insulation System of façade with plaster intended for external thermal insulation of building walls**
3. Manufacturer: **FASSA S.r.l. – Via Lazzaris, 3 – 31027 Spresiano (TV) – ITALY – www.fassabortolo.it**
4. Authorized Representative: Not applicable
5. Systems of Assessment and Verification of Constance of Performance (AVCP): **2+**
6. European Assessment Document: **EAD 040083-00-0404 Edition 2019**
   European Technical Assessment: **ETA 23/0739**
   Technical Assessment Body: **TECNALIA R&I CERTIFICACION, S.L. (n.1239)**
   Notified Body: **ITC-CNR (n.0970)**
7. Declared performances:

<table>
<tr><th>N°</th><th>Essential Feature</th><th>EAD</th><th colspan="4">Performance</th></tr>
<tr><td>1</td><td>Reaction to fire</td><td>2.2.1</td><td colspan="4">B-s1, d0</td></tr>
<tr><td>2</td><td>Façade fire performance</td><td>2.2.2</td><td colspan="4">NPD</td></tr>
<tr><td rowspan="3">3</td><td rowspan="3">Water absorption by capillary</td><td rowspan="3">2.2.5</td><td></td><td colspan="2">After 1 h</td><td>After 24 hours</td></tr>
<tr><td>Without coating</td><td colspan="2">0.134 kg/m²</td><td>0.394 kg/m²</td></tr>
<tr><td>with RSR 421
with RTA 549
with RX 561</td><td colspan="2">0.078 kg/m²
0.035 kg/m²
0.046 kg/m²</td><td>0.373 kg/m²
0.174 kg/m²
0.239 kg/m²</td></tr>
<tr><td rowspan="4">4</td><td rowspan="4">Water vapour permeability (Resistance to water vapour diffusion)</td><td rowspan="4">2.2.9</td><td></td><td colspan="3">Equivalent air thickness sd (average value) [m]</td></tr>
<tr><td>Cycle with RSR 421</td><td colspan="3">0.3</td></tr>
<tr><td>Cycle with RTA 549</td><td colspan="3">0.5</td></tr>
<tr><td>Cycle with RX 561</td><td colspan="3">0.6</td></tr>
<tr><td>5</td><td>Accelerated aging behavior</td><td>2.2.6</td><td colspan="4">No defects</td></tr>
<tr><td>6</td><td>Resistance to wind load</td><td>2.2.6</td><td colspan="4">NPD</td></tr>
<tr><td>7</td><td>Impact resistance</td><td>2.2.8</td><td colspan="4">Category II</td></tr>
<tr><td rowspan="4">8</td><td rowspan="4">Adhesion strength between adhesive and substrate</td><td rowspan="4">2.2.11</td><td></td><td>Average (kPa)</td><td>Min. (kPa)</td><td>Break Type %</td></tr>
<tr><td>In dry conditions</td><td>906</td><td>851</td><td>100 Ades.</td></tr>
<tr><td>After 2 g in water and 2 h in drying</td><td>791</td><td>786</td><td>100 Ades.</td></tr>
<tr><td>After 2 g in water and 7 g in drying</td><td>913</td><td>870</td><td>100 Ades.</td></tr>
<tr><td rowspan="3"></td><td rowspan="3">Adhesion strength between adhesive and insulating sheet</td><td rowspan="3">2.2.11</td><td></td><td>Average (kPa)</td><td>Min. (kPa)</td><td>Break Type %</td></tr>
<tr><td>In dry conditions</td><td>87</td><td>80</td><td>100 Ades.</td></tr>
<tr><td>After 2 g in water and 2 h</td><td>80</td><td>71</td><td>100 Ades.</td></tr>
</table>

			in drying			
			After 2 g in water and 7 g in drying	84	68	100 Ades.
9	Adhesion strength between skim coat and insulating sheet	2.2.11		**Average (kPa)**	**Min. (kPa)**	**Break Type %**
			In dry conditions	**114**	**80**	**100 Isol.**
			After hygro-thermal cycles	**87**	**81**	**100 Isol.**
			After freeze-thaw cycles	**Test not performed because the system is considered resistant**		
11	Tensile strength of thermal insulation panel	2.2.9	**≥ 100 kPa**			
12	Shear Strength and Shear Modulus of Thermal Insulation Panel	2.2.10	**Shear strength ≥ 20 kPa** **Cutting modulus ≥ 1000 kPa**			
14	Pull-through resistance	2.2.12	**Dowels not placed at the joints between panels: minimum 678 N** **Dowels placed on the joints between the panels: minimum 527 N**			
15	Pull-out resistance	2.2.13	**NPD**			
16	Improvement of airborne sound insulation	2.2.14	**NPD**			
17	Thermal conductivity and thermal resistance	2.2.15	**R ≥ 1 m²K/W**			
18	Emission of hazardous substances	-	**See safety data sheet for individual products**			

8. Not applicable

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) n.305/2011, under the sole re-sponsability of the manufacturer identified above.

Signed for and on behalf of the manufacturer by:

Dr. Samuele Beraldo
Research & Development and Quality Direction – Inorganic Products Manager

Spresiano (TV), 02/02/2024

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CE 0970
Fassa s.r.l. Via Lazzaris, 3 31027 Spresiano (TV) – Italy 24 **007-CPR-24-02**
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