FASSA BORTOLO
QUALITY FOR CONSTRUCTION

DECLARATION OF PERFORMANCE

No. 001-CPR-25-11

1. Unique identification code of the product-type: **FASSATHERM CLASSIC**
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 07/0280**
   Technical Assessment Body: **ITC-CNR**
   Notified Body: **ITC-CNR (n.0970)**
7. Declared performances:

N°	Essential Feature	EAD	Performance		
1	Reaction to fire	2.2.1	**B-s1, d0 or B-s2, d0 depending on the finishing cycle. See Tables B1 and B2 of ETA 07/0280**		
2	Façade fire performance	2.2.2	**NPD**		
3	Water absorption by capillary	2.2.5		**After 1 h**	**After 24 hours**
			A 50 **A 96** **AL 88**	**0.024 kg/m²** **0.058 kg/m²** **0.121 kg/m²**	**0.207 kg/m²** **0.339 kg/m²** **0.635 kg/m²**
			A 50 with RSR 421 **A 50 with RTA 549** **A 50 with RX 561** **A 50 with F.R 336** **A 96 with RSR 421** **A 96 with RTA 549** **A 96 with RX 561** **A 96 with F.R 336** **AL 88 with RSR 421** **AL 88 with RTA 549** **AL 88 with RX 561** **AL 88 with F. R 336**	**0.022 kg/m²** **0.025 kg/m²** **0.040 kg/m²** **0.035 kg/m²** **0.022 kg/m²** **0.014 kg/m²** **0.010 kg/m²** **0.018 kg/m²** **0.021 kg/m²** **0.022 kg/m²** **0.037 kg/m²** **0.027 kg/m²**	**0.207 kg/m²** **0.152 kg/m²** **0.113 kg/m²** **0.179 kg/m²** **0.218 kg/m²** **0.160 kg/m²** **0.140 kg/m²** **0.211 kg/m²** **0.217 kg/m²** **0.209 kg/m²** **0.318 kg/m²** **0.431 kg/m²**
4	Water vapour permeability (Resistance to water vapour diffusion)	2.2.9		**Equivalent air thickness sd (average value) [m]**	
			A 50 with RSR 421 **A 50 with RTA 549** **A 50 with RX 561** **A 50 with F.R 336** **A 96 with RSR 421** **A 96 with RTA 549** **A 96 with RX 561** **A 96 with F.R 336** **AL 88 with RSR 421** **AL 88 with RTA 549** **AL 88 with RX 561** **AL 88 with F. R 336**	**0.5** **0.6** **0.7** **0.3** **0.4** **0.4** **0.2** **0.4** **0.3** **0.4** **0.5** **0.2**	
5	Accelerated aging behavior	2.2.6	**No defects**		
6	Resistance to wind load	2.2.6	**NPD**		
7	Impact resistance	2.2.8	**Category I or II depending on the finishing cycle. See Tables B5, B6, B7 of ETA 07/0280**		

8	Adhesion strength between adhesive and substrate	2.2.11		**Med. (kPa)**	**Min. (kPa)**	**Break-age %**
			A 96 dry	**860**	**760**	**100**
			A 50 dry	**1130**	**1090**	**Ades.**
			AL 88 dry	**350**	**310**	
			At 96 after 2 g in water and 2 h in air	**1090**	**1030**	**80-20 Ad-isol.**
			AL 50 after 2 g in water and 2 h in air	**530**	**480**	**100 Ades.**
			AL 88 after 2 g in water and 2 h in air	**610**	**550**	**100 Ades.**
			A 96 after 2 g in water and 7 g in air	**1900**	**1470**	**80-20 Ad-isol.**
			AL 50 after 2 g in water and 7 g in air	**1930**	**1830**	**100 Ades.**
			AL 88 after 2 g in water and 7 g in air	**1190**	**1100**	**100 Ades.**
	Adhesion strength between adhesive and insulating sheet	2.2.11		**Me-dia (kPa)**	**Min. (kPa)**	**Break Type %**
			A 96 dry	**114**	**80**	**100**
			A 50 dry	**140**	**140**	**Insula-**
			AL 88 dry	**160**	**160**	**tor**
			A 96 after 2 g in water and 2 h in the air	**83**	**80**	
			AL 50 after 2 g in water and 2 h in air	**140**	**140**	**100 Insula-**
			AL 88 after 2 g in water and 2 h in air	**130**	**130**	**tor**
			A 96 after 2 g in water and 7 g in air	**131**	**128**	**100 Insula-**
			AL 50 after 2 g in water and 7 g in air	**150**	**130**	**tor 100**
			AL 88 after 2 g in water and 7 g in air	**150**	**150**	**Insula-tor 80-20 Isol-ad.**
9	Adhesion strength between skim coat and insulating sheet	2.2.11		**Me-dia (kPa)**	**Min. (kPa)**	**Break Type %**
			A 96 dry	**114**	**80**	**100**
			A 50 dry	**140**	**140**	**Insula-tor**
			AL 88 dry	**120**	**110**	**100 Insula-tor 80-20 Isol-ad.**
			A 96 after hygro-thermal cycles	**114**	**80**	
			At 50 after hygro-thermal cycles	**90**	**98**	**100 Insula-tor**
			AL 88 after hygro-thermal cycles	**127**	**127**	
			After freeze-thaw cycles	**Test not performed because the system is considered re-sistant**		
11	Tensile strength of thermal insulation panel	2.2.9	**≥ 100 kPa**			
12	Shear Strength and Shear Modulus of Thermal Insulation Panel for Bonded System	2.2.10	**Shear strength ≥ 20 kPa Cutting modulus ≥ 1000 kPa**			
14	Pull-through resistance	2.2.12	**Dowels in the centre of the panel: Rpanel med ≥ 575 N Dowels in the center of the panel: Rpanel min ≥ 553 N Dowels on the joints: Medium Rjoint ≥ 564 kN Dowels on the joints: minimum Rjoint ≥ 501 kN**			
15	Static foam block test	2.2.13	**NPD**			
16	Improved 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 responsability 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), 11/11/2025

FASSATHERM CLASSIC

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