

DECLARATION OF PERFORMANCE

N.285 -CPR-22-11

1. Unique identification code of the product-type: **C285 BETON-E**
2. Intended uses: **Coating for intended use in concrete surface protection by protection against ingress, moisture control and increasing resistivity method**
3. Manufacturer: **FASSA S.r.l. – Via Lazzaris, 3 – 31027 Spresiano (TV) – ITALY – www.fassabortolo.it**
4. Authorised representative: Not applicable
5. Systems of Assessment and Verification of Constance of Performance (AVCP): **2+ (3 for the reaction to fire)**
6. Harmonised standard: **EN 1504-2:2005**

Notified bodies: **ICMQ (n.1305)**

T²I - Trasferimento tecnologico ed innovazione s.c.a.r.l. (n. 1600)

7. Declared performances:

Permeability to CO ₂	Sd > 50 m	Resistance to cracking	A3 (23; 70°C) A1 (0; -10; -20°C)
Water vapour permeability	Class I	Adhesion strength by pull-off test	≥ 0,8 N/mm²
Capillary absorption and permeability to water	< 0,1 kg/m²·h^{0'15}	Reaction to fire	E
Thermal compatibility for outside application with de-icing salt influence after freeze-thaw	≥ 0,8 N/mm²	Artificial weathering	Pass
Thermal compatibility for outside application with de-icing salt influence after thunder shower	≥ 0,8 N/mm²	Dangerous substances	see MSDS

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 responsibility of the manufacturer identified above.

Signed for and on behalf of the manufacturer by:

Dott. Riccardo Scattolin

Research & Development and Quality Direction - Organic Products Manager

Spresiano (TV), 30/11/2022

FASSA S.r.l.
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FASSA S.r.l.

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C285 BETON-E



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Fassa s.r.l.

Via Lazzaris, 3

31027 Spresiano (TV) – Italy

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EN 1504-2:2005

C285 BETON-E

**Coating for intended use in concrete surface protection
by protection against ingress, moisture control and
increasing resistivity method**

Permeability to CO₂:	Sd > 50 m
Water vapor permeability:	Class I
Capillary absorption and permeability to water:	< 0,1 kg/m ² ·h ^{0,5}
Thermal compatibility with de-icing salt influence; after freeze-thaw cycling:	≥ 0,8 N/mm ²
Thermal compatibility with de-icing salt influence; after thunder shower:	≥ 0,8 N/mm ²
Crack bridging ability:	A3 (23; 70°C) A1 (0; -10; -20°C)
Adhesion strength by pull-off test	≥ 0,8 N/mm ²
Reaction to fire:	E
Artificial weathering	Pass
Dangerous substances:	See MSDS

FASSA S.r.l.