

Declaration of performance: No. 0047-CPR-2023/09/26

1) Unique identification code of the product-type

BI MORTAR LS

2) Intended use or uses of the construction product, in accordance with the applicable harmonised technical specification, as foreseen by the manufacturer

Structural and non structural CC repair mortar - Class R4 - Concrete restoration (principle 3), structural strengthening (principle 4) and preserving or restoring passivity (principle 7)

3) Name, registered trade name or registered trade mark and contact address of the manufacturer as required under Article 11(5)

VOLTECO S.p.A. - Via delle Industrie, 47 - Ponzano Veneto (Italy) www.volteco.com

4) System or systems of assessment and verification of constancy of performance (AVCP) of the construction product as set out in annex V

System 2+ / System 4 for reaction to fire

5) In case of the Declaration of Performance concerning a construction product covered by a harmonised standard

*Harmonised standard: UNI EN 1504-3:2006; The Notified Body **SGS ICS Italia**, N° 1381, performed the initial inspection of the manufacturing plant and of factory production control and the continuous surveillance, assessment and evaluation of factory production control under system 2+ and issued the FPC certificate n° 1381-CPR-1160.*

6) Declared performance:

Essential characteristics	Performance
Reaction to fire	Class A1
Compression strength	Class R4 ≥ 45 MPa
Chloride ions content	$\leq 0.05\%$
Adhesive bond	≥ 2.0 MPa
Resistance to carbonation	$dk \leq$ cls rif. (MC 0,45)
Modulus of elasticity	≥ 20 GPa
Adhesion following thermal compatibility: <ul style="list-style-type: none">• Part 1: Un/freezing cycles• Part 2: Thunderstorm cycles (thermal shock)• Part 4 Dry cycles	$\geq 2,0$ MPa $\geq 2,0$ MPa $\geq 2,0$ MPa
Skid resistance	Dry: class II Wet: class I
Capillary absorption	$\leq 0.5 \text{ kg} \cdot \text{m}^{-2} \cdot \text{h}^{-0,5}$
Hindered shrinkage/expansion	NPD
Coefficient of thermal expansion	NPD
Hazardous substances	See SDS

7) The performance of the product identified in points 1 and 2 is in conformity with the declared performance in point 6.

This declaration of performance is issued under the sole responsibility of the manufacturer identified in point 3.

Signed for and on behalf of the manufacturer by Marco Ruzzier Chief Operating Officer

(name and function)



Ponzano Veneto, 2026/03/31 -----

Rev. 1.0 2026/03/31