

Declaration of Performance

According Annex III of the Regulation (EU) n°305/2011

For the product

BENFERCURE-VARIO-10

12004

- | | |
|---|---|
| 1. Unique identification code of the product type: | EN 1504-2
EN 1504-3 (R4-PCC)
EN 1504-7 |
| 2. Identification | Batch no.: see packaging of the product |
| 3. Intended use: | Coating for concrete surface protection by moisture control and increasing resistivity methods
PCC mortar
for structural repair of concrete
Cementitious mortar for protection of steel reinforcement in concrete structures |
| 4. Manufacturer: | Benfer Schomburg s.r.l.
Via Paletti snc
41051 Castelnuovo Rangone (MO) |
| 5. Authorized representative: | Not pertinent |
| 6. System or systems of assessment and verification of constancy of performance of the construction product as: | System 4 |
| 7. Notified test laboratory: | Not pertinent |
| 8. European Technical Assessment: | Not pertinent |

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9. Declared performance:

Essential characteristic	Performance	Harmonized technical specification
Reaction to fire: Water vapour permeability: Capillary Absorption and water permeability: Adhesion strength by pull-off test: Release of dangerous substances:	A ₁ Class I ≤ 0,1 Kg*m ⁻² *h ^{-0,5} ≥ 2.0 N/mm ² See SDS	EN 1504-2:2005
Reaction to fire: Compressive strength: Chloride ion Content Adherence Carbonation Resistance: Elastic modulus: Thermal compatibility: - Freeze-thaw - Thunder shower - Dry cycling Capillary Absorption: Release of dangerous substances:	A ₁ Class R4 ≤ 0.05% ≥ 2.0 N/mm ² Passes ≥ 20 GPa ≥ 2.0 N/mm ² ≥ 2.0 N/mm ² ≥ 2.0 N/mm ² ≤ 0,5 Kg*m ⁻² *h ^{-0,5} See SDS	EN 1504-3:2006
Shear adhesion: Corrosion protection: Release of dangerous substances:	NPD Passes See SDS	EN 1504-7:2007

10. The performance of the product identified in points 1 and 2 is conform to the declared performance in point 9. This declaration of performance is issued under the sole responsibility of the manufacturer identified in point 4.

Signed for and on behalf of the manufacturer by:


Giorgio Cocchi, president
(name and function)

Castelnuovo Rangone, 29-01-2018


This declaration of performance was created electronically. It's valid without manual signature.

The current material safety data sheet and technical data sheet is downloadable under:

www.benfer.it

	<p align="center">Benfer Schomburg s.r.l. Via Paletti, sn 41051 Castelnuovo Rangone (Mo) Italy</p>
<p align="center">17 DoP n°12004 EN 1504-2:2005 BENFERCURE-VARIO-10 Coating for concrete surface protection by moisture control and increasing resistivity methods</p>	
<ul style="list-style-type: none"> - Reaction to fire: - Water vapour permeability: - Capillary absorption and permeability to water: - Adhesion strength by pull-off test: - Dangerous substances: 	<p align="center">Class A₁ Class I ≤ 0,1 Kg*m⁻²*h^{-0,5} ≥ 2.0 N/mm² See SDS</p>

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<p align="center">17 DoP n°12004 EN 1504-3:2006 BENFERCURE-VARIO-10 PCC mortar for structural repair of concrete</p>	
<ul style="list-style-type: none"> - Reaction to fire - Compressive strength: - Chloride ion content: - Adhesion bond: - Carbonation resistance: - Elastic modulus: - Thermal compatibility as: <ul style="list-style-type: none"> o Freeze-thaw o Thunder shower: o Dry cycling: - Capillary absorption: - Dangerous substances 	<p align="center">Class A₁ Class R4 ≤ 0.05% ≥ 2.0 N/mm² Pass ≥ 20 GPa ≥ 2.0 N/mm² ≥ 2.0 N/mm² ≥ 2.0 N/mm² ≤ 0,5 Kg*m⁻²*h^{-0,5} See SDS</p>

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<p>17 DoP n°12004 EN 1504-7:2007 BENFERCURE-VARIO-10 Cementitious mortar for protection of steel reinforcement in concrete structures</p>	
<ul style="list-style-type: none">- Reaction to fire:- Shear adhesion:- Corrosion protection:- Dangerous substances:	<p>Class A₁ NPD Pass See SDS</p>