



## VIMAFER-C

### Resin improved anticorrosive brushable cement mortar

#### Properties

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**VIMAFER-C** is a pre-mixed cement mortar with high content of polymer components. It can be applied as anti corrosion protection of steel reinforcement or as bonding layer of repair mortars.

#### Applications

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**VIMAFER-C** is used:

- To protect steel reinforcement in repair-restoration cases of reinforced concrete suffering damages caused by, for example an earthquake, carbonation or corrosion.
- To prevent corrosion of the reinforcement of concrete elements, exposed in a highly moist environment.
- As a bonding layer between old and new concrete or mortar.

#### Technical characteristics

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Form:	red brown cementitious powder
Mixing water:	25% by weight
Pot life:	1 hour at 20 <sup>0</sup> C
Bulk density:	dry mortar 1,3 kg / L
Bulk density:	fresh mortar 1,8 kg / L
Compressive strength:	34 N/mm <sup>2</sup>
Flexural strength:	8 N/mm <sup>2</sup>

#### How to use

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The steel reinforcement should be thoroughly cleaned from slag, rust, dust, grease etc. Concrete substrate should accordingly be free of dust, loose particles, grease etc.

**VIMAFER-C** is added to the pre-weighted water (25%) under stirring until it becomes a homogenous mixture.

**Anti corrosion protection:** Application is being done by brush in two layers. Thickness of each layer does not exceed 1mm to avoid cracking. The second layer is applied after the first one has dried.



CONSTRUCTION CHEMICALS TECHNOLOGIES

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**Bonding layer:** VIMAFER-C is applied by brush in one layer on the existing substrate to a thickness of about  $\geq 1$ mm. Application of new concrete or mortar is done immediately after while bonding layer is still fresh.

### Consumption

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Anti corrosion protection of reinforcement = 0,10-0,15 kg/m reinforcement (2 coatings).  
Bonding layer: 2,0 kg / m<sup>2</sup> (1 coating).

### Cleaning Tools

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Clean all tools and application equipment with water immediately after use.  
Hardened material can only be **removed** by using **VIMACLEAN**.

### Storage

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At least 12 months from date of production if stored in original sealed packaging in places protected from moisture and frost.

### Information

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- Temperature during application must be at least + 5<sup>0</sup>C.
  - Product contains cement which alkali reacts with water and causes irritation.
  - Before the application indications of danger and safety instructions on the packaging must be considered.