

## Betonfix KIMIFER SP

ST2-0818

*Anti-corrosive mortar for reinforcing rods protection  
in the concrete repair cycles.*



### DESCRIPTION

**Betonfix KIMIFER SP** is a single-component re-alkalizing, anti-corrosive hydraulic mortar for reinforcing rods. It is composed of a synergic system of corrosion inhibitors for high protection against the corrosion of iron. Betonfix KIMIFER SP is strongly adhesive to concrete and iron surfaces, has high alkaline properties and excellent resistance to water and harmful gases in the atmosphere. Its rapid setting reduces times of laying when restoring reinforced concrete structures with visible reinforcements.

### USES

**Betonfix KIMIFER SP** is used as an anti-corrosive protection for visible reinforcing rods to restore deteriorated reinforced concrete structures together with non-shrink Betonfix mortars.

### APPLICATION

	Paint roller or brush application		Mixing water: 1,25 lt/ 5 Kg
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**Betonfix KIMIFER SP** is ready-to-use on the addition of drinking water, in the quantity shown in the table. Where metal reinforcements are visible, remove any adjoining concrete; the reinforcements must be white iron by sanding, or by using a needle gun or a mechanical brush. Mix **Betonfix KIMIFER SP** with drinking water until you get a dense but brushable consistency, apply by brush on metal reinforcement. Start the restoration process using Betonfix mortars.

### CONSUMPTION

Approximately 140 gr/ml per rod with a diameter of 14 mm for a total thickness of 2 mm. About 400g/m<sup>2</sup> for adhesive bridges on concrete.

### PACKAGING

5 Kg plastic bucket.

### STORAGE

Protect from humidity. Store the product in a dry, sheltered place. Stored in these conditions and in unopened containers, the product remains stable for 12 months.

Characteristics	Value
Appearance	Powder
Colour	Yellow
Apparent specific weight UNI 9446	1,2 ± 0,1 g/cm <sup>3</sup>
Max dimension of inerts	0,4 mm
pH of mixture	12 ± 0,5
Minimum application temperature	+2 °C
Flammability	no
Fire reaction class	A1

### WARNING

Product for professional use. Given the possibility that different supplies of the same raw materials have slightly discordant colors, including a lot of production and the other may be minor color variations that do not affect in any way the technical performance of the products supplied. Do not remix by adding water to the product when it has already started to set. Do not add concrete, inert materials, additives or other Betonfix mortars. Before using, check bags have not been damaged, and do not use the product if there are any lumps. Use the entire contents once the bag has been opened. Do not apply to sunny surfaces, at temperatures below +2 °C or above +35 °C. The technical specifications and application methods recommended herein are based on our current knowledge and experience and do not represent any form of guarantee of the final results obtainable with the product. It is the customer's responsibility to check that this data sheet is still effective and has not been replaced with a more recent version, and that the product is suitable for the intended use.

# Kimia

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