



### PRODUCT DESCRIPTION

One-component, anti-corrosion and bonding agent cementitious mortar for steel reinforcement.

- Excellent bonding to steel and concrete
- Contains corrosion inhibitors.
- Highly impermeable to water and chlorides

### WHERE TO USE

- Corrosion-inhibiting protection of concrete reinforcing rods.
- Adhesion improver for concrete repair mortars.

### APPLICATION PROCEDURE

Preparing the rods To ensure that DURACOR 1K is able to develop its corrosion-inhibiting properties efficiently, it is essential that the rods are completely cleaned from rust before the treatment. If for logistical reasons this is not possible, vigorous brushing of the metal surface should be carefully and thoroughly carried out to remove all rust. Any additional reinforcement must be treated in the same way.

### PREPARING THE PRODUCT

Pour 0,4 – 0,5 l of clean water into a clean container and, while mixing, slowly disperse 2 kg of DURACOR 1K. Mix the product until a lump-free homogeneous paste is obtained. Once prepared, DURACOR 1K must be applied within 1 hour.

### APPLICATION

- Apply two coats of DURACOR 1K with a brush. The second coat can be applied approximately 2 hours after the application of the first coat and preferably within 24 hours.
- It is recommended to completely cover the surfaces of the rods in a homogeneous coat. The total thickness of the two coats must be at least 2 mm.
- Inevitably, during the DURACOR 1K application, the surrounding concrete will also get coated. This will not create problems of bonding of other mortars that will be used for the reconstruction. Sandblasting is recommended to clean the rods down to metal.

### PACKAGING

2kg / 5 kg / 20 kg Bag

### STORAGE

24 Months in original pocket.

### TECHNICAL DATA:

Pot life of mix	Approximately 1 hour
Minimum applicable thickness	2 mm
Waiting time between each coat	Approximately 2 hours
Waiting time before applying mortar	6-24 hours
Classification	EN 1504-7
Application	Brush in two coats
Consumption	100 g/m for 8 mm diameter rebar