

# Redisit

## Corrosion protection and bonding agent

### PRODUCT DESCRIPTION

**Redisit** is a cementitious slurry containing additives to give good corrosion protection, adhesion and pliability. **Redisit** is pliable and easy to handle.

### AREA OF USE

**Redisit** is used as an anticorrosive coating on reinforced steel and to improve bonding between old and new concrete/mortar.

### WORKING INSTRUCTIONS

#### Preparation on steel

Corrosion on reinforced steel must be removed to expose the clean metal (purity SA 2 – 2.5 ), e.g. by sand blasting.

#### Preparation on concrete surfaces

Concrete surfaces must be cleaned thoroughly and all loose particles must be removed. Absorbent surfaces should be pre-wetted.

#### Mixing

**Redisit** requires only addition of water. Pour the correct amount of water into the bucket and mix water and powder until homogenous material. Mechanical mixing is preferred, e.g. in a bucket using an electric drill with whisk attachment. If the consistency is too stiff it can be diluted with up to 2 decilitre of water. Let the mixture rest for 3 – 4 minutes, then mix again. The mixture is now ready for use.

#### Application

Apply **Redisit** using a brush or sprayer. When using as a bonding enhancer **Redisit** should be applied "wet on wet" with the repair mortar, i.e. the repair mortar should be placed before **Redisit** hardens. Air temperatures should be above +5°C, and never below +2°C for the first 48 hours following application.

The substrate temperature must not be lower than +5°C.

### SAFETY INSTRUCTIONS

For health, safety and environmental information, see separate safety data-sheet at [www.mapei.com](http://www.mapei.com)

### WARNING

Although the technical details and recommendations contained in this product report correspond to the best of our knowledge and experience, all the above information must, in every case be taken as merely indicative and subject to

*confirmation after long-term practical applications: for this reason, anyone who intends to use the product must ensure beforehand that it is suitable for the envisaged application; in every case, the user alone, is fully responsible for any consequences deriving from the use of the product.*

*All deliveries from Mapei AS are made in accordance with the sale- and delivery conditions applicable at the time, and these conditions are taken to be accepted on placement of an order.*

### TECHNICAL SPECIFICATIONS

#### Product specifications:

Adhesive strength: 2.0 – 2.4 N/mm<sup>2</sup> after 7 days  
Packaging: Redisit is supplied in 4 kg buckets and 20 kg bags

#### Application data:

Water requirement: 1.6-1.8 litres per 4 kg bucket  
8,0-9,0 litres per 20 kg bag  
Material consumption: Approx. 1.3 kg **Redisit** per litre of final product.  
Pot life at 20°C: Approx. 2 hours  
Specific weight: 1.8 kg/dm<sup>3</sup>  
Storage: Redisit must be stored dry and in sealed packaging. Under these conditions the product has a minimum shelf life of 6 months.



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