

## **Technical Product Information**

# **COPRE-Nal 53**

### **Elasticizing agent for the preparation of waterproof, flexible and adhesion improved mortars**

#### **DESCRIPTION**

COPRE-Nal 53 is a liquid agent based on a synthetic resin dispersion used as an additive in mortar, concrete and grout when desired to obtain waterproof, elastic and high adhesion to the substrate coatings.

#### **APPLICATIONS**

COPRE-Nal 53 is used as an additive for mortar, concrete and grout for the following applications:

- Manufacture of waterproof and elastic thin layer mortar, cement based.
- Preparation of primers for adhesion between concrete or mortar layers.
- Preparation of cementitious repair mortars.
- Improved water impermeability of concrete and mortar.

In all these applications should always be considered the design requirements for the mortar, concrete or grout to meet the specific demands according to the intended application.

#### **USAGE AND CONSUMPTION**

Add the additive with the last fraction of the mixing water and mix homogeneously at low speed until complete dispersion. Ripening time should be respected at rest about 5 minutes. After this period of maturation, briefly re-mix. The mixing system used must be adequate to ensure a good mix. We recommend using mixer or drill fitted with a stirrer.



The dosage of COPRE-Nal 53 is highly variable depending on the intended use and the characteristics of mortar, concrete or grout to be treated, so it is essential to carry out preliminary tests. A recommendation modes is following:

- Primer for binding: mix 1: 1 with the mixing water.
- Mortar improved adhesion, mix with the mixing water at a ratio of 2: 1 (water: additive).
- Low permeability mortar: mixing with the mixing water to 1: 1.

#### **PRESENTATION**

- 200 kg drum
- 8,5 kg can
- 1000 kg IBC

#### **STORAGE CONDITIONS**

Store in original containers tightly closed and protected from extreme temperatures and frost. Shelf life: 12 months

#### **COPREARK IBÉRICA**

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Properties and technical data	
Physical appearance	White-milky liquid
Density, 20 °C	Aprox. 1,0 gr/cm <sup>3</sup>
pH, 20 °C	Aprox. 7,5
Chlorides content	< 0,1%

**NOTE:**

This Technical Information serves, like all other recommendations and technical information solely for the description of the product characteristics, mode of use and applications. The data and information given are based on expertise gained in the literature, in laboratory tests and in practice.

Data on consumption and dosage contained in this Technical Information are general, so these are susceptible to variations due to different conditions of work. Real consumption and dosage should be determined on the site through preliminary tests and under the responsibility of the customer or user.

For additional assistance, our Technical Department is at your disposal.

COPREARK Ibérica, SL reserves the right to modify the composition of the products, provided they continue to meet the characteristics described in the Technical Information.

Other product applications that do not conform to those indicated, will be under the responsibility of the customer or user.

Provide a guarantee against defects in manufacturing quality of our products, excluding any other claims, remain our responsibility as only to return the value of the goods supplied.

Possible reserves regarding patents or third party rights should be considered.

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This Technical Information invalidates the emergence of a new edition.

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