

# NEOLATEX ELASTIC

Elastic resin additive for mortars and mastics.



- ✓ **Improves adherence.**
- ✓ **Increases flexibility.**
- ✓ **It provides waterproofing properties.**
- ✓ **Improves durability and optimizes mortar workability.**

## Description

Neolateric Elastic is a liquid additive based on a careful selection of last generation modified acrylic resins, developed to be added to mortars and mastics during the mixing phase, generating materials with high flexibility and a low tendency to crack formation.

Also, the addition of Neolateric Elastic improves the following properties:

- Adherence: Neolateric Elastic gives the mortar/putty a better "gripping" capacity on the surface.
- Workability: Mortars and mastics with Neolateric Elastic additive are easier to spread and smooth, avoiding the operator fatigue.
- Waterproofing: The addition of Neolateric Elastic in the recommended proportions allows to obtain mortars totally waterproof, resisting even standing water and tiling.
- Resistance to wear and cracking: Since Neolateric Elastic provides a high degree of flexibility to the mortar, it reduces its cracking during setting. In addition, its resistance to abrasion is strongly increased, resulting in more durable materials.
- Carbonation resistance: Neolateric Elastic generates an internal network that prevents the mobility of the salts contained in the mortar. This dramatically reduces the occurrence of saline efflorescence. This keeps the material clean and consolidated for longer.
- Colour durability: In pigmented mortars, the addition of Neolateric Elastic maintains the colour of the material virtually unchanged.

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Additive to make flexible waterproofing mortars



## Application Areas

Neolater Elastic can be used in all types of mortars and mastics where increased durability and waterproofing properties are desired. For example, in the manufacture of: showers and baths bases, vertical surfaces with cracking tendency, waterproofing of lift shafts, generation of regularising and waterproofing layers of water tanks, pools or terraces, etc.

## Physical-Chemical Characteristics

APPEARANCE	DENSITY	pH
White opaque liquid	1.050 ± 0.010 Kg/L	7.8 ± 0.50

## Mode of Application

Neolater Elastic is to be used in the mixing stage of the mortar or mastic, replacing part of the mixing water with Neolater Elastic.

For this:

- 1- Add the mixing liquid to the concrete mixer or mixing container. As a mixing liquid, use a water mixture of: Neolater elastic equal to 1:1 or 2:1. Dilutions above 3:1 (Water: Neolater Elastic) are not recommended.
- 2- Add the mortar / mastic and mix according to the mortar / mastic instructions.
- 3- Apply the mortar following the desired procedure. (For fully flexible layers it is recommended not to exceed 2 mm thickness).

## Format

Plastic container: 5, 30 and 60 litres.

## Recommendations

The use of Neolater Elastic does not exempt from carrying out a correct preparation of the surface. Opened containers must be kept properly closed and protected from sunlight. Failure to do so may result in reduced performance of the product.

The Neolater Elastic dosages are indicative, and can be modified according to the desired finish and purpose.