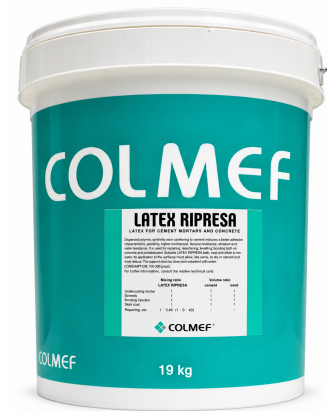


Latex Ripresa

**POLYMER LATEX BASED ADMIXTURE
FOR CEMENT MORTARS, CONCRETE
AND CEMENT SLURRIES**



TECHNICAL DATA SHEET

DESCRIPTION

Synthetic polymer resin in aqueous dispersion which, when mixed with cement mortar or concrete, increases adhesion to the substrate, reduces water absorption and improves compactness and flexibility. It reduces the elastic modulus and increases deformability and resistance to freeze-thaw cycles.

FIELDS OF APPLICATION

Added to the mixing water, Latex Ripresa is suitable for producing mortars and concrete on site for thickening, restoring or levelling compact foundations; creating cement screeds, including those subject to heavy traffic or sensitive to humidity; and producing plaster and top coats subject to deformation or thermal stress.

It is also suitable for repairing deteriorated concrete, even in thin layers, and preparing cement mortars subject to strong abrasion.

PACKAGING

19 kg pail · 4 kg container · 1 L bottle

Preparation and use

USE

Add Latex Ripresa to the mixing water when preparing cement mortar or concrete. Select the dosage according to the application and the consumption values on page 3.

SLURRY PREPARATION

Mix **1 part Latex Ripresa + 1 part water + 2.5 parts cement**.

SPECIFICATIONS

Cement mortar, concrete and cement slurry should be prepared using synthetic polymer latex in aqueous dispersion, such as LATEX RIPRESA by COLMEF S.r.l., used and applied according to the dosages reported in the technical data sheet.

APPLICATION CONDITIONS

Application temperature	+5 °C to +35 °C
Operating temperature	–30 °C to +90 °C

Technical data

TECHNICAL DATA

Appearance	Fluid liquid
Colour	White
Specific weight	1.02 g/cm ³
Solid residue	40%
pH value	≥ 10
Application temperature	+5 °C to +35 °C

CONSUMPTION

Slurries and rough coating for plaster	200–300 g/m ²
Top coats, plaster and screeds	50–150 g/m ² per mm of thickness
Filling mortar	100 kg/m ³

FINAL PERFORMANCE

Comparison between common mortar and mortar with Latex Ripresa added at **20% of the cement weight**.
 Improvements obtained:

Mixing water	–5%
Static elastic modulus	–40%
Adhesion to concrete at 28 days	+7% (mortar breakage)
Slurry: adhesion to concrete at 28 days	+51%
Operating temperature	–30 °C to +90 °C

Tests performed at 23 °C and 50% relative humidity, in the absence of air ventilation.