



COLMEF[®]
BUILDING BETTER

Latex Ripresa

GUARANTEED POLYMER LATEX FOR THE ADDITIVATION OF CEMENTITIOUS MORTARS, CONCRETE AND CONCRETE, TO INCREASE ADHESION TO SUBSTRATES, REDUCE WATER ABSORPTION AND IMPROVE COMPACTNESS AND FLEXIBILITY CHARACTERISTICS. IDEAL FOR CONNECTING GROUTS IN CONSTRUCTION JOINTS AND RESTORATIONS.



TECHNICAL DATA SHEET - REV. 01/2022

DESCRIPTION

LATEX RIPRESA is a flexibilizing polymeric latex in water dispersion, resistant to saponification and the action of water. The use of LATEX RIPRESA in the preparation of cement mixes makes it possible to obtain highly adhesive products on all surfaces, with improved plasticity and impermeability, greater resistance to bending, abrasion, freeze-thaw cycles and chemical attacks. Furthermore, LATEX RIPRESA, in the preparation of mortars and grouts, reduces the elastic modulus of the mix.

FIELDS OF APPLICATION

LATEX RIPRESA is used as an additive to increase the adhesive power and to improve the mechanical performance of cement mixes, also for laying tiles with traditional systems, for the preparation of bonding slurry for anchoring adherent screeds both traditional and made with NEOCEM PRONTO, for the preparation of high-strength cement-based screeds and plasters and for the preparation of filling mortars, construction joints and rough coats for adhesion of plaster, in parts on concrete surfaces.

SUBSTRATE PREPARATION

The substrates must be clean, solid and compact. Friable parts, cement laitance, greasy substances and old paint must be completely eliminated. Particularly porous or dry substrates must be wetted with saturated water, avoiding stagnation at the time of application. Before smoothing, screeding or repairing, always apply a bonding slurry to ensure perfect adhesion to the old cementitious substrate. Do not wait for the grout to dry, but pour fresh on fresh.

APPLICATION

LATEX RIPRESA is used as a partial or total replacement of mixing water in the preparation of cement mixes, bonding grouts, filling mortars, construction joints or high-strength plasters. Dilute in the ratio according to the type of use (see RECOMMENDED DOSAGES table). Pour the solution obtained into the concrete mixer adding cement and aggregates or the cement premix whose performance you want to improve. Mix for a few minutes until a homogeneous and lump-free mixture is obtained. Use mixtures modified with LATEX RIPRESA such as those that are normally mixed with water, according to use. The setting time of mixtures modified with LATEX RIPRESA does not vary significantly, while the workability time is slightly lengthened.

YIELD

- ◆ For the preparation of bonding slurry and plaster render: approx. 250 g/m².
- ◆ For smoothing, screeds and plasters: from 50 to 150 g/m² per mm of thickness.
- ◆ For the packing of grouting mortars: approx. 100 kg/m³.

RECOMMENDATIONS

- ◆ Do not use the pure product as a primer or as an adhesion bridge.

- ◆ It is a water-based product, therefore it is frost-proof.
- ◆ Wash all the equipment used for the preparation and application of the product with water before it hardens. After setting, the mortar can only be removed mechanically.
- ◆ Protect delicate surfaces near the application of mixtures modified with LATEX RIPRESA.

PACKAGING

LATEX RIPRESA is supplied in 1 kg bottles in boxes of 20 pieces, in 5 kg plastic cans on 450 kg pallets and in 25 kg plastic cans on 825 kg pallets. Keep the product away from frost and protected from direct exposure to sunlight, in the original tightly closed packaging. In these conditions its stability is at least 12 months.

SAFETY INSTRUCTIONS

The mixtures obtained are very adhesive: use suitable protective clothing. For further information on safe use of the product, consult the relative Safety Data Sheet.

SPECIFICATIONS

Flexibilizing polymeric latex in water dispersion, resistant to saponification and the action of water for additivation of cement mortars, grouts and concretes, such as **LATEX RIPRESA** by Colmef Srl. The product, added to cement mixes according to the dosages indicated in the relevant technical data sheet, will have to increase adhesion to substrates, reduce water absorption and improve the characteristics of compactness and flexibility.

TECHNICAL DATA

Appearance:	liquid
Color:	white
Apparent specific weight (g/cm ³):	1,02
pH value:	10
Permitted application temperature:	+5°C to +35°C
Operating temperature:	-30°C to +80°C

DOSAGE TABLE

Use	Mixing solution		Ratio (by weight)	
	LATEX RIPRESA	Water	Cement	Inert
Bonding grout	1	1	2	-
Masonry up to 10 mm	1	1	1	1
Screeds from 10 to 35 mm	1	3	350-400 kg	1 m ³
Screeds over 35 mm	1	4	350-400 kg	1 m ³
Shots of recovery	1	1	1	1
Laying tiles	1	1	1	1,5
Filling mortars	1	2	1	3
Plasters	1	4	1	3
Carry over with recovery mortar	1	4	-	-

DATA DETECTION AT +23°C - 50% R.H. AND IN ABSENCE OF VENTILATION

The information in this bulletin is based on our best experience. We cannot be held liable for any product misuse. We therefore recommend anyone who intends to use this product to assess whether it is suitable for the intended application and to perform preliminary tests in any case. Always refer to the latest updated version of the technical data sheet available at www.colmef.com.

FOR MORE INFORMATION OR PARTICULAR USES, CONTACT THE COLMEF TECHNICAL SUPPORT DEPARTMENT.

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