MONNELI AR LATEX RIPRESA

Acrylic Bonding Agent & Cement Modifier

Product Description

An acrylic co-polymer bonding agent which is used for cementitious systems as a bonding aid, curing agent and gauging liquid. It is resistant to hydrolysis and can be used for external application.

Non-yellowing and has excellent resistance to ultraviolet degradation, heat and most common chemicals.

It is mixed with cement mixture to give higher adhesion power to all surfaces, extra bonding strength, excellent plasticity, higher impermeability and flexure resistance, higher abrasion and acid resistance and can be considered as a waterproof admixture when mixed with cement.

Uses

AR LATEX RIPRESA can be used as:

- Bonding agent for rendering, plaster, screed and concrete
- As a primer for all cement based repair products
- Sealing coat and curing of concrete
- As an adhesive for bonding concrete, masonry brick, etc.
- Waterproof slurry coats to level and seal walls, floors and tanks
- For fixing tiles when mixed with traditional cement mortar
- Can be used for mortar lining of areas subject to abrasive or mild chemical action, effluent ducts, tanks, etc.
- Resurfacing old concrete or granolithic floors

Advantages

- Increases impact and abrasion resistance
- Reduces permeability. Suitable for waterproof sealing and lining of tanks, pools, etc.
- Improves chemical resistance to oil, grease, salt solutions and mild acids
- Improves adhesive, tensile strengths of cementitious mixes
- Self leveling, flowing consistency mixes can be produced to enable placement under difficult conditions

Instructions for Use

Surface Preparation

The surface must be clean, sound, solid, uncontaminated and compact. Contaminated material, dust, corrosion, grease substances and old paints must be completely removed.

The decayed or damaged area to be repaired should be marked. Cut the marked area to a depth of at least 10mm using a hand held concrete saw or disc grinder to avoid feather edging and to provide a square edge. Break out or chip the complete repair area down to sound base using sharp tools or chipping hammer.

Surfaces should be saturated with water to avoid possible backwater at the moment of casting. Before applying the screed for repairing, apply always the anchorage mortar to assure a perfect adhesion to the old cement support. Do not let the anchorage mortar dry but cast fresh on fresh.

For steel reinforcing use BETOFER or EPOZINC to coat steel bars to protect from rust and allow to dry before applying the repairing mortar.

Bond Coating

Objective

Bond adhesion coat for concrete, brick and masonry surfaces, to accept cementitious renders, screeds or repair mixes. Waterproof slurry coating for concrete surfaces.

Mix Design

Cement	50 kg
AR LATEX RIPRESA	16 liters
Coverage	1-2 kg/m²

Waterproof Slurry

Objective

Waterproof slurry for sealing basements, tunnels, reservoirs, pipes, areas where water seepage is undesirable, protection of metal against corrosion.

Mix Design

Cement	50 kg
Sand (0.3mm)	25 kg
AR LATEX RIPRESA	25 liters
Coverage	2-3 kg/m²

Concrete / Flooring Repairs

Objective

Trowelled repair mortars of plastic consistency to provide impact and abrasion resistant patching to flooring, stairways, walls, column.

Mix Design

Thickness	15 – 25 mm	10–20 mm
Cement	50 kg	50 kg
Medium Sand	100 kg	100 kg
Gravel (3mm)	100 kg	50 kg
AR LATEX RIPRESA	15 liters	10 liters
Water	7 liters	10 liters

Polymer Concrete

Objective

Production of flooring grade wet concrete mixes with improved adhesion and flexural strength, without excessive air entrainment.

Mix Design

20-30% by weight of cement

Polymer Screeds

Objective

Trowelled polymer screed of heavy duty and low permeability, laid at 10–25 mm thickness.

Mix Design

Cement	50 kg
Medium sand	100 kg
Granite Chips (3mm)	100 kg
AR LATEX RIPRESA	9 liters
Water	11 liters

For further information or particular use, contact Colmef Technical Department.

Cleaning

Clean tools and equipment immediately with water after use.

Technical Data

Properties	Results
Appearance	Milky white
Density at 25°C	1.02 kg/L
VOC	13.0 g/L
pH	8.5 – 9.5
Viscosity at 25°C	3500 – 5000 cps
Toxicity	None
Flammability	None
Temperature of application	+5°C to + 35°C
Service temperature	-5°C to + 80°C

All values are subject to 5-10 % tolerance

Consumption

3-6 m²/liter depending on substrate

Packaging

AR LATEX RIPRESA is available in plastic container of 20 liters and 200 liters.

Storage

Keep sheltered from frost or direct sun and in original tightly closed containers. Shelf life is 12 month if stored as recommended.

Health & Safety

During application, wear appropriate protective clothing, goggles, gloves and respiratory equipment if necessary.

In case of contact with skin, rinse with water and again wash thoroughly with soap and water. In case of contact with eyes, rinse with plenty of water and seek medical advice accordingly.

If ingested, obtain medical attention immediately. Do not induce vomiting.

DUBAI
ABU DHABI
ITALY

P.O. Box 123808 Dubai UAE
P.O. Box 127326 Abu Dhabi, UAE
Z.I. Ponte dÁssi 06024 Gubbio (PG)

T. +971 4 8803488
T. +971 2 5511949
T. +39 75 9221297

colmef@colmef.ae | www.colmef-me.com