ROCKBOND
MAKING CONCRETE STRONGER

RB 7.15

TECHNICAL DATA SHEET

LATEX CONCENTRATE

Plaster improver and bonding agent

DESCRIPTION

Latex Concentrate (RB 7.15) is a polymer dispersion in water. The latex contains approximately 45% by weight of polymer and is used as an additive to the mix water to improve the properties of cementitious material in general, and concrete repair and flooring materials in particular. The product can also be diluted 1:3 with water and used as a primer for concrete.

SPECIAL PROPERTIES

- Ready to use.
- Improve adhesion, flexibility and workability of cementitious plaster, render etc
- Can be used as a primer for concrete, (1-part latex: 3 parts water)
- Reduces shrinkage.
- Improves the adhesion of repair materials to brick or concrete.
- Increases the flexural and tensile strengths of mortars and concretes.
- Imparts flexibility to site batched repair materials and floors.
- Reduces the permeability and enhances durability.
- Will not break down or re-emulsify.
- Water based – mixing equipment and tools easily cleaned with water.
- Economic, non-toxic and safe to use.

USES

- To give greater adhesion, workability and flexibility to all cementitious plaster, renders etc.
- To penetrate and consolidate brick and concrete substrates.
- To prime concrete and brick to increase bond strength of repair materials.
- To waterproof site batched renders, mortars and concrete.
- For site batched flooring materials, and repair materials for floors.
- To prevent frost attack to brick and concrete.
- For use as an adhesive with cement or cement mortar.
- For use in chemically aggressive situations, e.g. food factories, dairies and fertiliser stores.
- High strength or increased tensile strength applications.

DIRECTIONS

A: SOLID PLASTER

1: As a Plaster additive

Add Latex Concentrate to plaster mix to improve adhesion, workability and flexibility. Add 250 ml-1 litres (1-4 cups) to each standard concrete mixer load of plaster. Use more where finished plaster surface will be subject to extreme conditions such as chemical attack etc.

2: As a Primer:

Rockbond Latex Concentrate (RB 7.15) diluted (1 part la-tex: 3 parts water) can be used as a primer on concrete, brickwork, hardiplank, polystyrene or other substrate to plaster. The surface to which primer is to be applied must be clean and free of oil, dust etc. Apply a slurry coat of primer to dilution as above and allow to touch dry. Apply a second coat of the same and allow to become tacky. Plaster should be applied while this coat is still tacky.

B: Concrete Repair & Flooring

Remove all contaminated and weak material from the surface, and produce a strong, sound substrate with a good mechanical key. Any steel reinforcing must be carefully prepared, and if needing anti- corrosion protection, apply Primer for Steel. Remove any dust and debris from the surface to be repaired. Brush or spray the latex (di-luted 1 latex to 3 parts water) to prime the repair area, and let the latex develop a tack.

If the latex is incorporated into a mortar for concrete repair, or for use in a render, form a contact coat to maximise the contact of the material to the concrete. With a gloved hand, rub and work the mortar well into the substrate and completely cover the concrete surface. Place and compact further amounts of mortar onto the contact coat. Build the mortar or render up to the required level, smooth finish.

If the latex is to be used in a floor screed, prepare the sub-floor concrete as for concrete repair. Form a bonding coat by mixing 2 parts cement, 1 part latex and 1 part water by weight to give a pasty consistency. Brush the mixture thoroughly and completely over on the substrate concrete. Pour the screed onto the primer; bring up to the required level, and finish.

To cure, spray concrete repair and flooring materials immediately with Latex Concentrate diluted 1:1 at the rate of 10m2/litre.

PACKAGING

This product is supplied in 5lt or 20lt containers and 200l drums, and has a shelf life of 12 months.

HEALTH AND SAFETY

Rockbond Latex Concentrate (RB 7.15) is non-toxic and safe to use. However, if splashes enter the eyes, the latex must be washed out immediately with plenty of clean running water. Continue the treatment for several minutes with the eyelids kept open. If the latex is ingested, give the patient plenty of water to drink. Wear goggles, a dust mask and protective clothing while handling, spraying and applying the material.

TECHNICAL DATA

STRUCTURE:	White liquid
SPECIFIC GRAVITY:	Approx 1.10 kg/litre
FLASH POINT:	Non-Flammable
TOXICITY:	Non-Toxic
DG CLASSIFICATION:	Non-Hazardous
SHELF LIFE:	12 Months
APPLICATION TEMP:	Minimum 5C, maximum 30C

TECHNICAL INFORMATION

Should you have any queries, or require further information, please contact our **Technical Sales Team: +64 4 568 5401**

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