

MAX 3003 ACRYLIC LATEX

DESCRIPTION:

MAX 3003 ACRYLIC LATEX is composed of acrylic co-polymer emulsions & additives. It is used as bonding agent for new to old substrates & cement mortar modifier because it provides strong bonds to old & new concrete, Improves tensile & flexural strength of concrete and increase the durability of the structure. When mixed with cement, it forms a matrix & provides excellent waterproof coating.

AREA OF APPLICATION:

- Waterproofing of small terraces, masonry surfaces, sunken slabs, residential water tanks, chhajjas, etc.
- As a bonding aid for old and new concrete/mortar.
- Useful as an additive for making repair mortar concretes.
- Water resistant render or plaster.

FEATURES & BENEFITS:

- A tough, hard wearing, breathable waterproofing system for residential, industrial, housing and commercial buildings.
- Can be applied in uniform thickness to horizontal and vertical surfaces.
- Excellent bond to most building materials.
- Reduces or prevents salt penetration into concrete.
- Highly durable & Economical system.
- Is non-flammable and does not give off toxic gases, when exposed to fire.

METHOD OF APPLICATION:

1. For Waterproofing

➤ Surface preparation

- Prior to application of **MAX 3003 ACRYLIC LATEX**, ensure to clean the substrate which should be free from all the dust, loose particles, loose aggregate and oil grease etc. This can be done with the help of scarifying, grinding, water jetting and sand blasting etc.
- All the depression or pin holes /pot holes to be repaired using **MAX 3003 ACRYLIC LATEX** modified mortar in mixing ratio of (1 kg cement : 1.50 kg silica sand : 0.50 kg) of **Max 3003 ACRYLIC Latex**

Coating application

- Mix Cement with **MAX 3003 ACRYLIC LATEX** in ratio of 1: 5: 2 (1 kg **MAX 3003 ACRYLIC LATEX** : 5 kg cement OPC: 2 ltr water) by volume.
- The mix should be stirred thoroughly until smooth homogeneous paste is obtained.
- Apply first coat over SSD / wet condition substrate.
- Apply and unroll woven glass fibre cloth evenly on the wet coating before it dries out on larger areas.
- Using a nylon brush, apply one coat of **MAX 3003 ACRYLIC LATEX** coating over the glass fabric so as to cover the fabric, allow 5-6 hours of air drying before application of another coat of **MAX 3003 ACRYLIC LATEX** slurry coating over the surface..
- Provide polymer modified protective plaster of 15-20 mm thick over the coating to ensure safety from mechanical damage.

Curing

- Allow **MAX 3003 ACRYLIC LATEX** coating to air cure for 3-6 hours after the final coat.
- Do not allow the rapid drying of the coating by covering the coating with help of polythene sheet in case of high humidity and windy condition.
- However, a moist curing after the air drying is advisable.
- Following the moist curing, **MAX 3003 ACRYLIC LATEX** coating shall be allowed to air cured for 3 days before submerging it in water.

Precaution

- **MAX 3003 ACRYLIC LATEX** should not be used in isolation of cement.
- **MAX 3003 ACRYLIC LATEX** ex shall be applied to the substrate temp above 10°C to below 40°C
- Ensure to provide a protective plaster over the final coat to avoid mechanical damage.



2. For Repair works

- Modified mortar: All the repair mortar modified with **MAX 3003 ACRYLIC LATEX** shall be used for all renovation works in concrete substrate.
- Add 10-15% of **MAX 3003 ACRYLIC LATEX** by weight of cement to the prepared mix of cement and sand mortar in ratio of 1:3 and repair all the patch work as per the suitability of the job.

TECHNICAL INFORMATION:

- Application Composition: Reddish White Emulsion , free flowing liquid
- Type : **MAX 3003 ACRYLIC LATEX**
- pH : Value 7-9

COVERAGE:

- As a waterproof coating – 25 to 30 Sq. Ft. /Kg in 2 coats
- As a mortar modifier – 6 to 7.5 kg of **MAX 3003 ACRYLIC LATEX** per 50 kg of cement

Packing:

200 gm, 500 gm, 1 kg, 5 kg, 10 kg And 20 kg container

TECHNICAL INFORMATION & SERVICES:

Further information and advice, including practical demonstration are freely available with the Technical Service Department of **SEMITRONE CONCHEM PVT LTD - AHMEDABAD.**

STORAGE & LIFE:

Best before one & half years from the date of manufacture when in sealed pack and stored in cool & dry place. Away from direct sunlight.

HEALTH & SAFETY:

- Use rubber hand gloves & safety goggles, while using **MAX 3003 ACRYLIC LATEX**
- In case of contact with skin, wash with plenty of water.
- Keep out of reach of children

DISCLAIMER: The product information & application details given by the company & its agents has been provided in good faith & meant to serve only as a general guideline during usage. Users are advised to carry out tests & take trials to ensure on the suitability of products meeting their requirement prior to full scale usage of our products. Since the correct identification of the problems, quality of other materials used and the on-site workmanship are factors beyond our control, there are no expressed or implied guarantee / warranty as to the results obtained. The company does not assume any liability or consequential damage for unsatisfactory results.



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