

Chelfix Latex 110

High dispersion SBR latex ensuring higher mixing efficiency with water reduction for site batched mortar & waterproofing/ bonding slurry/ screed

Product Description

Chelfix Latex 110 is a single component milky-white styrene butadiene rubber (SBR) latex. It is designed to improve the physical properties of cement mixes and slurries.



Areas of Application

- For bonding new concrete to old concrete, plaster, stone/ brick masonry.
- It is used as a primer before self-levelling application.
- For repairing of spalled concrete, repairing floors, beams and pre-cast slabs, etc.
- To produce polymer modified screeds and floor toppings also to produce elastomeric concrete.
- For repairing plaster or making waterproof plaster which is better than normal plaster.
- To provide a mechanical key prior to rendering of various plaster mixes on concrete, brick and block surfaces.
- Used as a water proofing agent in damp proofing concrete (D.P.C).
- To produce a repair mortar for patching of honey combed concrete, internally and externally.

Advantages

- Multiple applications; robust product that is economical, easy to handle and store.
- Effectively increases the bonding/ adhesion of cement mixes.
- An excellent water proof additive which helps produce water-proof renders, screed and toppings.
- Useful for indoor and outdoor areas and humid areas.
- Ensure excellent adherence and elasticity.
- Water based, non-solvent and odor-free.
- Resistant to alkali environment.
- Improves physical / mechanical properties; higher abrasion resistance, good adhesion to building materials, similar thermal characteristics to concrete.
- Reduces shrinkage and cracking in repair and screeding mixes when used (2.5 -5.0% by weight of cement).
- Ensures resistance against wearing.
- Good freeze/thaw resistance.
- Nontoxic and Chloride free.

Technical Data

Property:	
Aspect	Milky – white (SBR) latex
Density (kg/lit)	1.02 (± 0.02)
Consumption	100 - 200 gr/m²
Pot Life	~ 30 minutes (20°C)
PH	7-9

Method of use

Substrate preparation

- Remove all loose concrete, grease, mould, oil or curing compound from concrete and steel surface.
- Where needed, a water tight formwork should be erected to avoid any grout loss.
- For patch repair, cut back the edges of the repair areas to a minimum of 10mm depth to avoid thin repair thicknesses.
- All substrates should be damped with water prior to commencing the repair.
- Remove excess / standing water.

Application/ Instructions

Surface should be solid, free of loose and weak parts, free from freezing, foreign materials and other pollutants such as cement grout, accumulated water, oil, grease, paraffin, coatings etc. must be removed and cleaned. The surface should be prepared by suitable mechanical preparation techniques such as high pressure water or abrasive equipment. All dust, loose and easily crumbly materials should be removed completely by brush and / or vacuum before application. Before application of Chelfix Latex 110, the surface can be damped to the saturation level of water. Mix with a low-speed mixer in a clean container, free of any antiadhesive material, or in its package for at least 3 minutes. Apply to the surface by brush, roller and spray.

Cleaning

All tools should be cleaned immediately after finishing with water. Hardened materials may be cleaned mechanically.

Packaging

Chelfix Latex 110 is available in 5, 30, 200 and 1000 Kg drums.

Storage

Chelfix Latex 110 shelf life is 12 months in unopened original packaging.