7.03 XPERT SBR LATEX

Latex acrylic polymer based cement modifier cum bonding aid with waterproofing property.

PRODUCT DESCRIPTION

XPERT SBR Latex is a white styrene butadiene emulsion used to improve the properties of cement renders, screeds and mortars. It is also used in conjunction with Construction Chemicals Taking Slurry as a priming coat or tight render basecoat. Used with Sulphate resistant cement it will resist the movement of salts with in wall.

USES

- High strength for floor screeds.
- Patching and repair mortar.
- Thin section screeds.
- Bonding bridge for renders & Waterproofing.
- Waterproof renders and screeds.

For Use in Construction Chemicals Tanking System

- Dust proofing
- Priming
- Tiling

APPLICATION

Do not use neat XPERT SBR Latex as a bonding grout, without adding cement. Maximum dilution of SBR with the gauging water is 1:4.

Free fall mixers are not suitable for XPERT SBR Latex mortars; the higher performance forced action paddle type mixers are recommended for more efficient and speedier mixing of the mortars. For small qualities a slow speed drill and paddle is ideal.

Always keep the water/cement ratio to a minimum to enable correct working and compaction. A W/C ratio of less than 0.4 is advised.

Thick screeds should be laid in layers of 20mm thoroughly compacted and immediately followed by another by another 20mm, this repeated until the required thickness has been applied.

Mortar toppings should be finished by wood float or steel trowel. Care should be taken to prevent rapid drying of XPERT SBR Latex mortars, by the use of polythene, damp Hessian or concrete compounds. Always use sharp, clean and washes sand. Maximum thickness per layer 40mm laid and compacted in two layers, as above. Ensure hardened layers are mechanically “keyed”, wetted and grouted. Renderings, floor toppings etc. should be allowed to cure correctly. If temperatures drop to 2C or less, protect the uncured mortar against frost. Do not over mix XPERT SBR Latex modified mortars. Do not Feather edge XPERT SBR Latex modified screeds.

TECHNICAL DATA

CATEGORY	PARAMETERS
Appearance	Liquid
Color	White
Solid Content	50% ± 1%
Application Temp Min	+5°C
Flexural Strength	Compared with +20% - 30% unmodified mortar
Tensile Strength	20 - 30
Abrasion Resistance	up to 2005
Density	Approximately 1.01
Bonding Grout	$4M^2/L$ depending on surface and application technique

PROPERTIES

- Adhesion improved.
- Flexural strength improved.
- Tensile strength increased.
- Water impermeability reused.
- Shrinkage reduced.
- Non corrosive to steel.
- Increased abrasion resistance.

METHOD OF APPLICATION

Preparation: The substrate must be free of all oil, grease, existing sealers or other contaminants. All loose material should be removed and a key provided using a scabbling machine or enclosed grit blaster. The surface should be well soaked with water prior to application of the bonding agent. Do not allow ponded water to remain on substrate.

Priming: Use of Construction Chemicals Bonding Grout. Mix 1 part by volume XPERT SBR Latex with 1.5 parts fresh Portland cement to produce a stiff grout. Scrub this grout on to the pre dampened concrete or wall. DO NOT allow to dry prior to the application of subsequent layers.