



INNOVATIVE, EFFECTIVE & SAVE

IESFIN-41 SBR LATEX (STYRENE-BUTADIENE COPOLYMER) BONDING AGENT

TECHNICAL SPECIFICATION

DESCRIPTION

IESFIN-41 SBR Latex is a ready-for-use aqueous dispersion of a styrene-butadiene copolymer with high stability against electrolytes. It is a high performance water resistant bonding agent and admixture for adding to sand/cement renders, cementitious flooring screeds and repair compounds.

ADVANTAGES

- Easy use to apply.
- Crack Bridging ability.
- Provide extra hardening of concrete.
- Greatly increased flexural and tensile strength.
- Allows reduction in water content
- Greatly reduced shrinkage
- Increased durability and toughness, improved abrasion resistance.
- Good frost resistance and resistance to waterborne salt penetration.
- Resistant to many chemicals and to mineral oils.
- Excellent adhesion to steel and concrete. Sticks well to brick, glass, asphalt, wood, expanded polystyrene and most building materials.
- It is preserved against bacterial and fungal attack.

PROCESSING

SURFACE PREPARATION

All surfaces must be load bearing and free of material that could interfere with adhesion (e.g. parting agents, loose material, dust, sanding, efflorescence, soiling). The surface of the substrate should be dry or matt damp.

MIXING

Mixing should preferably be carried out in a forced action mixer. The total mixing time after adding the IESFIN-41 SBR Latex should not exceed two minutes. Owing to the strong plasticizing properties of SBR, rapid thinning can occur - avoid adding excessive water.

COLOUR

White Milky Liquid

PACKAGING

IESFIN-41 SBR Latex is packed in 1 Liter, 2.5 Liter, 25 Liter & 200 Liter Drum.

STORAGE

IESFIN-41 SBR Latex has a shelf life of 12 months in the original container with tightened lid. Store at a temperature of 5°C to 25°C frost free.

PROPERTY VALUES

Property	Value	Unit	Method
Solids Content	48.5	%	ISO 3251
pH Value	7.5		ISO 976
Viscosity	30	mPas	ISO 3219
Glass Transition Temperature	-7	°C	
Density	1,01	g/cm ³	
Mean Particle Size	0.15	µm	
Minimum film-forming temperature		0 °C	
Surface Tension	30	mN/m	
Tensile Strength	6	N/mm ²	
Elongation at break	1000	%	

MATERIAL & FORMULATION

Formulation under guidance of ASTM D7832/D7832M

HEALTH & SAFETY

For individual safety measure, assurance gloves and goggles are prescribed to be worn during treatment of this item. If item contacts with eyes flush promptly clean with water and seek medical assistance if symptoms prolong.

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