

TECHNICAL DATA SHEET



**General Purpose
Waterproof Bonding Agent
& Mortar Mixture.**



DESCRIPTION

SM5® WP LTX is a latex-based, water-resistant bonding agent and admixture suitable for use in areas exposed to humidity, dampness, and continuous water contact. It enhances the water resistance of cement mixtures by forming a reinforcing polymer that increases the long-term durability and flexibility of renderings and floor screeds.

USES

- As an admixture for mortar, screeds, and renders.
- As a bonding agent for screeds and renders.
- As a primer/sealer in tiling applications.
- As a flexibilizer for cementitious-based tile adhesives when tiling on wooden or asphalt floors.

SM5® WP LTX offers advantages over PVA bonding aids as it remains effective in wet conditions, making it suitable for exterior use.

CHARACTERISTICS

Storage:

SM5® WP LTX should be stored at temperatures between 5°C and 25°C to prevent damage from prolonged heat or excessive cold. If frozen, the latex should be thawed slowly. **SM5® WP LTX** contains sufficient bactericide to preserve the latex under normal storage conditions.

ADVANTAGES

- Minimizes water penetration.
- Significantly improves adhesion to a wide range of substrates, including dense concrete, steel, and tiles.
- Allows for application in much thinner sections.
- Exhibits excellent resistance to water and water vapor.
- Offers a high level of resistance to salt permeation.
- Provides enhanced toughness and flexibility.
- Reduces surface dusting of concrete.
- Offers improved resistance to a variety of chemicals, making it ideal for use in environments like dairy parlors.
- Allows for a reduced water ratio while maintaining equivalent workability.
- Improves frost resistance.
- Freeze-thaw stable.

FOR TECHNICAL SERVICES

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