

Tech Shield Mortar Admixture



EFFLORESCENCE CONTROL AGENTS

DESCRIPTION

Tech Shield Mortar Admixture was formulated to provide integral water repellency and enhanced efflorescence control for masonry mortar and similar cementitious materials. Used properly, this unique admixture chemically reacts with cement and its water repellent components form a permanent bond within the mortar. This ensures lasting resistance to wind-driven rain, moisture migration, and wicking potential. **Tech Shield Mortar Admixture** is an essential component of the **Tech Shield Water Repellent Admixture System** for concrete masonry construction.

APPLICATION

Tech Shield Mortar Admixture is intended for use in Type N, Type S, and Type M masonry mortars. When used as a component of the **Tech Shield System**, exterior walls are protected from water infiltration and moisture migration for the life of the structure.

PACKAGING

Tech Shield Mortar Admixture is available in 8oz bottles (packed 12 bottles per case), shipped 100 cases per pallet. This product is available to contractors from **Tech Shield-Certified Block Producers**.

TYPICAL PROPERTIES

Form.....Milky White Liquid
 Color / Odor..... White / Slight
 Density (lb./gal.).....8.6
 pH.....8-9

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FEATURES / BENEFITS

- Contractor-friendly formulation
- Maintains secure mortar bond
- Reduces absorption & wicking
- Greatly reduces efflorescence
- Increases freeze-thaw durability
- Provides lasting water repellency

HANDLING / STORAGE

Tech Shield Mortar Admixture must be stored at moderate temperatures. Avoid prolonged exposure to direct sun/intense heat, and freezing temperatures. Never allow this product to freeze. When stored properly, **Tech Shield Mortar Admixture** has a shelf life of 12-18 months. Shake bottles for a few seconds before adding to the mixer. Avoid creating an aerosol or mist that could be inhaled.

ADDITION RATES

8oz (237ml) per 6 bags of Masonry Mortar
 8oz per 6 cubic feet of bulk Masonry Mortar
 8oz per 2 bags of Masonry/Mortar Cement
 8oz per 1 bag of Portland Cement

Innovative Concrete Technology, LLC

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