

TechShield 852

DESCRIPTION

TechShield 852 liquid admixture was formulated to enhance the overall integrity of concrete masonry products while minimizing production cost. When used properly this unique admixture chemically reacts with cement and its water repellent components form a permanent bond within the concrete. This provides higher cement efficiency, enhanced efflorescence control, and long-lasting resistance to moisture ingress. **TechShield 852** is a **Tech Shield Water Repellent Admixture System** component for specified concrete masonry construction including concrete roof tile.

APPLICATION

TechShield 852 can be used in a wide variety of concrete masonry products and other cementitious applications. It is particularly useful where the use of conventional water repellants and efflorescence control agents have not been effective. When used in both CMU and masonry mortar **TechShield 852** protects exterior walls from water infiltration and moisture migration for the life of the structure.

ADDITION RATES

The typical dosage range for **TechShield 852** is 2-8 oz/cwt. Consult your ICT technical representative for recommendations and guidelines for your application

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FEATURES / BENEFITS

- **Increases** strength at all ages
- **Improves** Tile Flexural Strength
- **Greatly** reduces efflorescence
- **Enhances** freeze/thaw durability
- **Increases** density
- **Provides** lasting water repellency

HANDLING / STORAGE

TechShield 852 must be stored at moderate temperatures and away from direct sun. Never allow to freeze. When stored properly, **TechShield 852** has a shelf life of 12 months. Avoid creating an aerosol or mist that could be inhaled.

PACKAGING

TechShield 852 is available in totes and drums. An ICT representative will determine the proper dispensing system to match your operation.

TYPICAL PROPERTIES

Form.....	Milky White Liquid
Color / Odor.....	Slight
Density (lb./gal).....	8.86
pH.....	8 - 9

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