



# Tech Shield TS-923

## DESCRIPTION

**Tech Shield TS-923** 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 permanent bonds within the concrete. This provides higher cement efficiency, enhanced efflorescence control, and long-lasting resistance to moisture ingress. **TS-923** is a **Tech Shield Water Repellent Admixture System** component for specified concrete masonry construction.

## APPLICATION

**Tech Shield TS-923** 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 **Tech Shield TS-923** protects exterior walls from water infiltration and moisture migration for the life of the structure.

## ADDITION RATES

The typical dosage range for **Tech Shield TS-923** is 2-8 oz/cwt. Consult your ICT technical representative for recommendations and guidelines for your application.

## FEATURES / BENEFITS

- Increases compressive strength
- Improves product consistency
- Greatly reduces efflorescence
- Enhances freeze/thaw durability
- Increases density where needed
- Provides lasting water repellency
- Serves as a single product solution

## HANDLING / STORAGE

**Tech Shield TS-923** must be stored at moderate temperatures and away from direct sun. Never allow to freeze. When stored properly, **Tech Shield TS-923** has a shelf life of 12 months. Avoid creating an aerosol or mist that could be inhaled.

## PACKAGING

**Tech Shield TS-923** 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).....	8.6
pH.....	8 - 9

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