

## Spec Mix<sup>®</sup> Integral Water Repellant (IWR) Mortar

Spec Mix<sup>®</sup> Integral Water Repellant (IWR) Mortar offers increased bond enhancement and water protection throughout the depth of the mortar joint. Also, this product may increase workability and minimize efflorescence.

The water repellency of mortar joints is a function of the ability of the mortar to resist water penetration. The use of Spec Mix<sup>®</sup> IWR Mortar and proper joint tooling (concave or vee joint) increases the water-tight properties of the joint and provides resistance to water penetration.

Spec Mix<sup>®</sup> Integral Water Repellant (IWR) Mortar is only one part of the masonry assembly. The masonry unit, flashing, reinforcement, contractor construction practices, joint tooling, weep system, and proper drainage within the core or cavity all affect the ultimate performance of the masonry wall assembly.

All masonry units will have different porosity and absorption levels. It is important to understand the properties of the masonry unit being used on the project and its ability to resist water penetration as part of a finished masonry assembly.

For example, a natural stone or clay brick will resist water penetration at a

different level than an untreated concrete masonry unit (CMU) or manufactured concrete stone.

### Caution Statement

If the mortar dries out before proper curing is achieved, the Integral Water Repellant admixture properties will become active and subsequent hydration of the cement will be hindered. This may lead to reduced compressive strengths of the mortar.

### Disclaimer

Standard testing on water repellant admixtures has shown reductions in moisture absorption through the mortar joint up to 60%.

THIS PRODUCT WILL REDUCE, BUT NOT ELIMINATE WATER PENETRATION THROUGH THE MORTAR JOINT.

TCC Materials, their employees or agents, make no written or implied warranty as to the performance of this product.

UNDERSTAND THE MOISTURE REDUCTION CAPABILITIES OF THIS PRODUCT AND ACKNOWLEDGE SPEC MIX<sup>®</sup> INTEGRAL WATER REPELLANT (IWR) MORTAR WILL REDUCE, BUT NOT ELIMINATE WATER PENETRATION THROUGH THE MORTAR JOINT.



### Warranty

Seller warrants that its product will conform to and perform in accordance with the product specifications. The foregoing warranty is in lieu of all other warranties, express or implied, including, but not limited to, those including merchantability and fitness for a particular purpose. Because of the difficulty in ascertaining and measuring damages hereunder, it is agreed that, seller's liability to the buyer at no point for any particular project shall exceed the total purchase price of said product.

### Limitations

Spec Mix<sup>®</sup> products should be installed in accordance with the provisions of the local building code and applicable ASTM Standards.

Good workmanship coupled with proper detailing and design assures durable, watertight construction.