

*Total Quality. Total Service. Total Satisfaction.*

## One Coat Hard Coat PM

### Description

**T-WALL Pre-bagged One Coat Hard Coat** is a highly polymer modified and fiber reinforced Portland cement based coating designed for service over polystyrene foam insulation.

**T-WALL Pre-bagged One Coat Hard Coat** has superior bond, resilience, crack-resistance and durability over traditional cement coatings.

**T-WALL Pre-bagged One Coat Hard Coat** is pre-blended and needs only to be mixed with water before application. Standard colors are natural white or gray. Pigments may be added to produce a limited number of colors.

### Application

#### Mixing Instructions

Open a 50 lb. Bag of Pre-bagged One Coat Hard Coat. Slowly pour into a 5-gallon pail containing one gallon of clean water while mixing. Add up to 1.5 quarts of additional water and continue to mix with a low speed mixer or until the product is homogeneous. Allow the mix to stand for about 2 minutes. If necessary, add a small amount of water to adjust workability. If the product is too loose, add small amounts of product while mixing to stiffen the mix. Final consistency should be creamy light and easily trowelable mixture.

#### For use as a Base Coat and Finish Coat over Polystyrene Rigid Insulation

The rigid insulation boards and **T-WALL Hard Coat Reinforcing Mesh** should already be mechanically fastened to the substrate with **T-WALL Mechanical Fasteners**. Runs of reinforcing mesh should be overlapped by 2.5 inches. In addition, all corner and joint accessories should already be installed. Using a steel trowel, apply **T-WALL Pre-bagged One Coat Hard Coat** mix in a 3/16 to 1/4 inch thick butter coat over the face of the insulation board. Be sure to fully embed the reinforcing mesh. Use a Darby or slicker, if desired, to help gauge an even coating thickness and produce a smooth result. A second pass is used to produce an optional texture once the smooth base layer has taken initial set (about 20-30 minutes). Consult **T-WALL** specifications for full instruction on all details.

#### Coverage

Approximately 55-85 square feet per 50-pound bag. Addition of a coarse texture may reduce coverage.

#### For use as a Base Coat and Finish Coat over Polystyrene Foam Block

Prepare the foam block surface by rasping any uneven joints, filling any voids with EPS and rasping any contaminated or deteriorated surfaces.

Using a steel trowel, apply **T-WALL Pre-bagged One Coat Hard Coat** mix in a thickness of approximately 1/8".

Immediately embed the **T-WALL** open weave reinforcing mesh into the coating. Trowel to a smooth, even finish so that the mesh pattern is not visible through the coating.

Overlap any layers of reinforcing mesh by 2.5 inches. Apply product in a continuous application to natural stops or breaks in the wall. If desired, use a second pass of product to apply a texture to the surface.

### Technical Data

System Class .....	PM, Polymer Modified Portland cement based
pH (wet mix) .....	approx. 10
Density (wet mix) .....	11 lbs./gal.
Polymer type .....	Spray Dried
Fiber Reinforcement .....	natural, micro fibers

### Handling and Storage

Do not apply to frozen surfaces. Do not apply if precipitation is forecast within 8 hours of application or if the temperature cannot be maintained above 40 F for 24 hours. Shelf life in sealed bags is 12-18 months when stored in a dry environment.

### Maintenance

If damage occurs to an installed system, please contact T-WALL for information on repair.

### Precautions

Do not ingest. Avoid contact with skin and eyes. In case of contact, flush with water. For contact with eyes, get immediate medical attention in addition to flushing. Avoid inhalation of dust of Portland cement or silica sand. Wear safety glasses, dust filter mask and protective clothing. Keep out of reach of children and pets.

### Warranty

Some T-WALL products and systems are eligible for a limited warranty when installed by an approved applicator and when specific conditions are met. Aside from warranties specifically approved by T-WALL, there are no other warranties of merchantability or fitness for a particular purpose and remedies are limited to T-WALL's repair, replacement or refund, at the option of T-WALL.

