

**Total Quality. Total Service. Total Satisfaction.**

## Foam N' Base

### Base Coat / Adhesive

#### Description

**T-Wall Foam N' Base** is a 100% acrylic emulsion blend that is designed to be mixed with Portland cement in a 1:1 ratio by weight.

**T-Wall Foam N' Base** serves two functions: 1. It produces the adhesive that will bond rigid polystyrene insulation board to raw masonry, exterior gypsum, Dens Glass, and cement board, and 2. It produces the base coating that embeds the reinforcing fabric over the face of rigid polystyrene insulation.

#### Application

##### Mixing Instructions

Open a 5 gallon pail of **T-Wall Foam N' Base** and mix with a low speed mixer until the product is homogeneous. Pour one half of the **T-Wall Foam N' Base** pail contents (30 pounds) into a clean mixing pail. While mixing the half pail of **T-Wall Foam N' Base**, slowly add 30 pounds of fresh, lump free Portland type I, II, or I-II cement (approximately 1/3 of a 94 pound bag of cement) to the pail. Add up to 1 quart of clean water to adjust workability. Allow the mix to stand for about 5 minutes, and then re-mix for 1 minute. If necessary, add a small amount of water to adjust workability. Final consistency should be a creamy light and easily trowelable mixture.

##### For use as an Adhesive

The substrate must be firm, dry and free of loose debris and any substance that would interfere with bond. The substrate must conform to T-Wall PB System specifications. The preferred method of adhesive application is to cover the entire back of the insulation board with adhesive mix using a 3/8" notched trowel. Immediately press the insulation board onto the substrate with firm, even pressure. An alternate Ribbon and Dab method may also be used. Using a steel trowel, apply a 2" wide by 3/8" deep band of T-Wall T-2000 Soft Coat Base and Adhesive mix around the perimeter of the rigid insulation board. Apply evenly spaced trowel length dabs, 3/8" thick of T-Wall T-2000 Soft Coat Base and Adhesive mix to the center area of the insulation board. At least 1/3 of the area of the backside of the board should now be covered with T-Wall T-2000 Soft Coat Base and Adhesive mix. Do not apply adhesive to the edges of the insulation.

#### Coverage

100 - 150 sq. ft. per pail as a base coat.

50 - 75 sq. ft. per pail as a base coat and adhesive.

#### For use as a Base Coat

The rigid insulation board should already be bonded to the substrate and have had time for the adhesive to gain strength. In addition, any backwrapping at system stops or protrusions using detail mesh should be completed. Prepare the rigid insulation board facing by sanding or rasping all joints and surface areas that need to be brought into plane. Measure and cut an area of **Total Wall** standard reinforcing mesh. Apply **T-Wall Foam N' Base** mix in a 1/16" thick butter coat over the face of the insulation board. Immediately embed the reinforcing mesh using a steel trowel. Work the mesh into the butter coat by starting at the center and troweling toward the edges. Avoid making wrinkles or tears in the mesh. The final coating should be a smooth even finish, thick enough only to embed the mesh so that the mesh pattern is not visible. Consult **Total Wall** specifications for full instruction on all details.

#### Technical Data

Appearance .....	viscous, milky liquid
pH .....	approx. 9.5
Density .....	11 lbs./gal.
Polymer type .....	100 % acrylic
Solvent system .....	aqueous

#### Handling and Storage

Do not apply to frozen or saturated surfaces. Do not apply if precipitation is forecast within 8 hours of application. Do not apply if the temperature can not be maintained above 40oF for 24 hours. Shelf-life in closed containers is 12-18 months when stored at 50-100oF. Keep containers sealed and under cover when not in use.

#### Maintenance

If damage occurs to an installed system, please contact Total Wall for information on repair.

#### Precautions

This product is an alkaline water based material. 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. Wear safety glasses and protective clothing. Keep out of reach of children and pets.