

Total Quality. Total Service. Total Satisfaction.

Liquid Acrylic Additive

Description

T-Wall Acrylic Additive is a high solids 100% acrylic emulsion, which is used as an admixture for cement based materials.

T-Wall Acrylic Additive increases bond, hardness, strength, resilience and water resistance of any cement mixture.

T-Wall Acrylic Additive reduces efflorescence, cracking and eliminates the need for moist curing in any cement mixture.

Application

T-Wall Acrylic Additive replaces part of the mix water for cement based products. For example, a Portland cement stucco uses 1 quart per bag of stucco. A typical surface bonding cement uses 2 quarts per 50 lb bag and an Exterior Insulation and Finish System (EIFS) hard coat uses 1 gallon for every 50 lbs of dry mix.

Blend the cement mix as normal using low-speed mechanical mixing or hand mixing. Allow the mix to stand for about 2 minutes, then remix for an additional minute, adding a small amount of water to adjust workability, if necessary.

Addition Rates

<u>Service</u>	<u>Amount Added</u>
Hard Coat Base Coat	1 gallon / 50 lbs of dry mix
Surface Bonding Cement	2 quarts / 50 lbs of dry mix
Cement Stucco	1 quart / 50 lbs of dry mix

Technical Data

Flash point	>200 F Seta
Density	8.5 lb/gal
Viscosity	approx 150 cps
pH	9.0 - 9.8

Typical 28 Day Increases at 20% Acrylic Additive on Cement

Compressive Strength	+125%	ASTM C109
Tensile Strength	+125%	ASTM C190
Flexural Strength	+120%	ASTM C348
Shear Bond Strength	+1000%	
Impact Resistance	+100%	

Features

- ◆ Meets VOC, VOS requirements
- ◆ Is easy to use; substitutes for mix water
- ◆ Does not create a vapor barrier
- ◆ Performs against all weather conditions
- ◆ Improves strength and bond properties
- ◆ Reduces efflorescence and cracking

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 18-24 months when stored at 50-100oF. Keep containers sealed and under cover when not in use.

Maintenance

If an area of stucco or other cement based coating that has been modified with **T-Wall Acrylic Additive** becomes dirty or stained, clean with a mild cleaner solution and low pressure spray rinse. For scars, broken or damaged areas, repairs should be made with the same cement based product and T-Wall Acrylic Additive.

Precautions

T-Wall Acrylic Additive 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.