

# WELTHERM 368

Exterior Insulation  
Finishing System (EIFS)

## **DESCRIPTION:**

**Weltherm 368** (basecoat) A one component acrylic polymer modified cement based adhesive designed to bond EPS and substrate. Mix with 5-6.5 quarts (4.7-6.2 L) of clean water for each 50 lb. (23kg) bag. Apply with a 1/2" x 1/2" (13 x 13 mm) U notched trowel or 5/8" x 5/8" (16 x 16mm) square notched trowel. Its function is to provide a secondary weather barrier over any recommended substrate.

## **RECOMMENDED USES:**

- \* Used over concrete, masonry, Portland cement plaster, or fiber cement sheathings.
- \* Bonding between EPS/XPS insulation board and its recommended substrate ( see page 2)
- \* Saturation of the standard mesh and basecoat for

## **SUBSTRATE PREPARATION:**

All sheathing substrates should be handle and installed in accordance with code requirements and manufacturer recommendations. Sheathing should be free from surface defects or moisture damage. Damaged sheathing should be replaced. Poured concrete must be free of form oil, curing compound or release agents. A detergent wash, water blasting or sandblasting is typically required to remove such surface contaminants. Other masonry surfaces - brick or concrete block should be free of surface contamination such as efflorescence is a white chalky deposit on the surface that is caused by moisture migration through the masonry.

EXTERIOR INSULATION

Generally wire brushing will remove efflorescence from masonry surfaces. Failure to properly prepare the substrate can result in the delamination of the EIFS should be free of surface contamination such as efflorescence is a white chalky deposit on the delamination of EIFS.

### ***MIXING PROCEDURE:***

Pour 20 kg Weltherm 368 basecoat into clean a clean container and agitate with a low speed mechanical mixer while slowly adding 15.0 kg of ordinary Portland cement until a homogeneous paste is achieved. Allow to set for 5 minutes after initial mixing and re-stir before use.

### ***APPLICATION PROCEDURE:***

(As Adhesive)

Apply the adhesive to the insulation board using the correct size notched trowel. Always hold the notched trowel at a minimum 30 degree angle to produce the correct size ribbons. When forming the ribbons, press the throwel firmly (this wil prevent excess adhesive from collecting between the ribbons). Keep the trowel clean to prevent any adhesive build-up in the notches.

(As Basecoat)

After the wall has been prepared or leveled, it must be protected from sunwater damage. If EPS is exposed to sunlight for extended periods, a powdery film develops on the surface. This film must be removed by rasping. Reinforcement is then added to all the boards for impact protection. To achive this, apply the Weltherm 368 base coat and embed standard mesh.

DISCLAIMER: The information given in this data sheet is based on years of experience and is correct to the best of our knowledge. However since the use of our product is in accordance with the instruction given, and their success in application is dependent on a numberof factors, we can only be responsible for the quality of our product at the time of dispatch. Should any doubt arise about specification or application, do contact your service provider immediately.

## **TECHNICAL DATA:**

<b>TEST</b>	<b>METHOD</b>	<b>RESULTS</b>
Tensile Strength	ASTM D638	2.53 Mpa
Bond Strength	ASTM D1002	894 kgf
Flexural Strength	ASTM D790	8.65 Mpa

## **APPROVED SUBSTRATES FOR WELTHERM 368**

Gypsum Grade \*\*  
Gypsum Sheathing  
Concrete  
Brick  
Blockwall  
Fiber Cement Board  
Stucco  
Exterior Plywood \*\*  
Exposure I board \*\*

\*\* Must not be used if moisture maximum exceeds 12%

## **PACKAGING:**

WELTHERM 368 BASECOAT IS SUPPLIED AND PROPERLY LABELED WITH THE FOLLOWING PACKAGING:

- \* 27 KG PAIL
- \* 270 KG STEEL DRUM (OPEN TOP)

\*\*\* NOTE:

Store in a covered, cool, dry palce, protected from rain and sunlight extreme temperature.

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