



POLYBASE-WET

Basecoat and Adhesive for Type I EPS Foam Board/ Details

DESCRIPTION

POLYBASE-WET is a polymer-based product designed to be mixed 1 to 1 by weight with Type 10 Portland cement to achieve a mixture that can be used as a basecoat and adhesive for Type I expanded polystyrene (EPS) board and foam shapes. In addition POLYBASE-WET can be used as a basecoat for Polyisocyanurate and mineral wool.

POLYBASE-WET is intended as a basecoat for acrylic stucco finish coats. It can also be used as a skim coat over masonry or concrete surfaces in preparation for acrylic stucco finish coat.

ADVANTAGES

- Outstanding strength and hardness.
- Excellent workability – trowels on easily.
- Increases productivity – through ease of spread.
- Superior adhesive qualities.

PACKAGING

60lb (27.2kg) plastic pail, 24 pails per pallet.

COVERAGE

Basecoat over mesh

215–230 ft² (20.0–21.4 m²)

Adhesive

95–115 ft² (8.8–10.7 m²)* using a 5/8" x 5/8" x 1" (15.9 mm x 15.9 mm x 25.4 mm) U-notched trowel.

*Coverage given is approximate and vary depending on substrate, details and individual application technique.

PREPARATION

Prior to application inspect the substrate to ensure that it has been constructed according to local building code standards. Substrates must be structurally sound and free from any loose materials, oil, mildew, or any form of deleterious material that could interfere with bond strength.

MIXING

Using an electric drill with a clean and rust-free paddle, thoroughly mix POLYBASE-WET with Portland cement at a 1 to 1 ratio by weight. Blend until a smooth consistency is achieved. Allow the mixed material to sit for 5 to 10 minutes to reach a "false set," then remix with the addition of water if required to achieve the desired consistency needed for application. This will extend working time and increase productivity during application.

APPLICATION

ADHESIVE

To attach flat Type I EPS foam board / details to Portland cement plaster, use 5/8" x 5/8" x 1" (15.8 mm x 15.8 mm x 25.4 mm) U-notched trowel to apply POLYBASE-WET to the back of the EPS. Grooved foam application will require at least a ribbon of 5/8" x 5/8" x 1" U-notched trowel on each leg.

When used in conjunction with a non-cementitious liquid applied membrane, such as Protec-C and Protec-J, apply POLYBASE-WET with a 5/8" x 5/8" x 1" U-notched trowel.

Orient the ribbons of adhesive vertically on the substrate, allowing for drainage of incidental liquid moisture to escape the cavity. Apply the foam to the substrate with sufficient pressure to flatten the ribbons of material, being careful not to damage the foam shape. Clean off any excess material around the perimeter of the shape before continuing. If the substrate receiving the foam is cement, it is a good practice to per-moisten the substrate with water.

Generally, the adhesion of POLYBASE-WET will be sufficient to hold the shape in place. On larger shapes it may be required to provide temporary mechanical support.

Provide back wrapping and sealants in accordance with AWCA, BCWCA, AWCB and EIMA guidelines, and allow 24 hours for the POLYBASE-WET adhesive to set before proceeding with POLYBASE-WET base coat and fiber mesh application.

Base coat

A uniform coating of approximately 2mm may be machine or hand applied to the foam shapes. Immediately embed reinforcing mesh to the wet coating, ensuring that no mesh is visible. Embed mesh in POLYBASE-WET by troweling from center of mesh panel outward to avoid wrinkles (Tip: using a rounded pool trowel will help reduce trowel marks).

If the desired thickness is not achieved in one coat, a second, or skim coat, can be applied after initial set of the first coat. It is important to keep the skim coat as thin as possible. Product must be applied in accordance with specifications (ICC-ES Evaluation Report #5290).

CURING

Allow a minimum of 24 hours for base coat to cure before applying finish coat. In cool/moist conditions, longer times may be necessary to achieve proper cure prior to application of finish coat. Application of finish coat to base coat that is not fully cured may result in colour variation in the finish coat.

WORKING TIME

Up to 1.5 hours depending on the ambient conditions.



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STORAGE

Keep in a dry, cool area protected from the weather. Protect from freezing.

SHELF LIFE

Shelf life is approximately 8 to 12 months if stored properly.

CAUTIONS AND LIMITATIONS

Minimal amounts of potable water may be added to adjust consistency and achieve maximum workability. Do not add additional water until the cement has been thoroughly mixed, and do not add excessive water.

Do not apply in freezing weather or on frozen substrates. Do not apply when the temperature is expected to fall below 4°C (39°F) within a 24-hour period.

SAFETY PRECAUTIONS

POLYBASE-WET contains portland cement. Avoid contact with eyes or prolonged contact with skin. In case of eye contact, flush with large amounts water for at least 15 minutes. Get prompt medical attention. In case of skin contact, wash thoroughly with water. Wear eye protection and non-toxic particle mask. Do not take internally. KEEP OUT OF REACH OF CHILDREN. Please refer to M.S.D.S. for additional information.

WARRANTY

POLYBASE-WET is manufactured to strict quality standards using the highest quality ingredients. DARMEX fully guarantees its products and will refund or replace any product found to be defective. Liability is limited to replacement or refund only and no other warranty is expressed or implied. For individual products, DARMEX offers a 5 year material defect warranty. Please see written warranties for further details.

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If further information is required, please contact your DARMEX dealer.