polybase

Basecoat and Adhesive for Type I EPS Foam Board

DESCRIPTION
POLYBASE is a 100% acrylic product designed to be mixed 1 to 1 weight with portland cement to achieve a mixture that can be used as a basecoat and adhesive for EPS board and foam shapes. POLYBASE is intended as a basecoat for acrylic finish coat. It can also be used as a skim coat over masonry or concrete surfaces in preparation for an acrylic finish coat.

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

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

APPLICATION
Adhesive – Apply to the back of the insulation board with the appropriate sized 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 board or shape to the substrate with sufficient pressure to flatten the ribbons of material, being careful not to damage the foam. Clean off any excess material around the perimeter of the foam before continuing. If the substrate receiving the foam is cement, it is good practice to pre-moisten the substrate with water. Generally the adhesion of POLYBASE will be sufficient to hold the foam board/shape in place. On larger pieces, it may be necessary to provide temporary mechanical support.

Basecoat - A uniform coating of approximately 2 mm may be machine or hand applied to the foam. Immediately embed reinforcing mesh in the POLYBASE by troweling from the center of the 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 the initial set of the first coat. It is important to keep the skim coat as thin as possible. The product must be applied in accordance with all EZWALL specifications.

CURING
Allow a minimum of 24 hours for basecoat to cure before applying primer or finish coat. Application of finish coat to basecoat that is not fully cured may result in color variation.

WORKING TIME
Up to 1.5 hours depending on the ambient conditions

CLEAN UP
Clean all tools and equipment with water. Do not allow POLYBASE to harden on tools.

DISPOSAL
Dispose in accordance with local, state, and/or federal regulations.

COVERAGE
215-230 sq. ft. as basecoat over mesh
150-175 sq. ft. as adhesive using ½ " x ½ " x 2"
U-notched trowel
95-115 sq. ft. as adhesive using $^{5}/_{8}$" x $^{5}/_{8}$" x 1"
U-notched trowel
Coverage is approximate and will vary depending on substrate, details, and individual application.

PACKAGING
60 lb. (27.2 kg) plastic pail

STORAGE
Keep in a dry, cool area protected from the weather. Protect from freezing. Store in a tightly sealed container when not in use.

SHELF LIFE
12 months when properly stored and sealed

CAUTIONS AND LIMITATIONS
Do not apply in freezing weather or on frozen substrates. Do not apply when the temperature is expected to fall below 40°F (4°C) withing a 24 hour period.

WARRANTY
This product is subject to a written limited warranty which may be obtained free of charge from EZWALL. POLYBASE is to be applied in accordance with all the manufacturer's specifications. EZWALL Coatings Inc. is unable to accept responsibility for job conditions, workmanship, climate, or damages due to transport.

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