BUILDING TRUST

PRODUCT DATA SHEET

PAREX® MVS EPS Foam Basecoat and Adhesive

EPS Basecoat and Adhesive for Masonry Veneer Systems

PRODUCT DESCRIPTION

PAREX® MVS EPS Foam Basecoat and Adhesive is a 100% acrylic basecoat and adhesive that is field mixed with Portland cement.

USES

PAREX® MVS EPS Foam Basecoat and Adhesive is used to adhere and coat EPS continuous insulation boards as part of Parex Masonry Veneer Continuous Insulation (CI) System. This specialized EPS coating helps create an energy efficient wall substrate suitable for the application of manufactured masonry veneers.

CHARACTERISTICS / ADVANTAGES

- Combines Continuous Insulation with manufactured masonry veneers
- Fire Tested Performance
- Proven Wall Technology
- Commercial or Residential

PRODUCT INFORMATION

Packaging	60 lb/ 5 gal pail
Color	Off white prior to addition of Portland cement.
Shelf Life	Two (2) years, when properly stored in original container.
Storage Conditions	▪ Protect materials during transportation to avoid physical damage. Store in a cool, dry place protected from freezing, extreme heat and direct sun. Store at no less than 40°F (4°C). ▪ Do not stack pallets.

Volatile organic compound (VOC) content < 50 g/L less water and exempt solvents

TECHNICAL INFORMATION

Tensile Strength

Test	METHOD	CRITERIA	RESULT
Tensile Bond	ASTM C297, E2134	15 psi minimum	>15 psi

Resistance to Weathering

Test	METHOD	CRITERIA	RESULT
Accelerated Weathering	ASTM G 23	No deleterious effects after 2000 hours.	Pass
Accelerated Weathering	ASTM G 53	No deleterious effects after 7500 hours.	Pass

Water resistance

Test	METHOD	CRITERIA	RESULT
Water Resistance of Coating in 100% R.H.	ASTM D 2247	No deleterious effects after 14 days exposure	Pass
Water Vapor Transmission	ASTM E96 Method B	Report Value	PAREX® MVS EPS Foam Basecoat and Adhesive with Parex 355 and Parex DPR Finish: 15.1 Perms

Reaction to Fire

Test	METHOD	CRITERIA	RESULT
Surface Burning Characteristics	ASTM E 84	Report Value	Flame Spread < 25 Smoke Development < 450 (Class A)

APPLICATION INFORMATION

Coverage

As a Leveler : 1/8" (3.2mm) Thick: 110 ft² (10m²)
1/4" (6.4mm) Thick: 55 ft² (5m²)
Adhesive: Notched Trowel: 160 ft² (14.8 m²)
Mesh Embedment : Parex 355 Standard Mesh: 280 ft² (26 m²)
Mesh Embedment: SikaWall®-9000 Intermediate 12: 200 ft² (18.5 m²)

Substrates

Acceptable substrates for adhering EPS:

- Exterior grade gypsum sheathing
- Glass mat gypsum sheathing
- Concrtee masonry, poured/precast concrete
- Cement board sheathing

Drying Time

As a leveler allow to cure 24 hours prior to finish application. As adhesive/base coat for mesh embedment allow to 8-10 hours. PAREX® MVS EPS Foam Basecoat and Adhesive achieves full strength in approximately 28 days. Protect from rain and temperatures of less than 40°F (4°C) for a minimum of 24 hours. Higher humidity and/or cooler temperatures may require longer protection.

BASIS OF PRODUCT DATA

Results may differ based upon statistical variations depending upon mixing methods and equipment, temperature, application methods, test methods, actual site conditions and curing conditions.

LIMITATIONS

1. Not for use directly over wood-based substrates or metal.
2. Do not exceed applied thickness of 1/4" (6.4mm).
3. Efflorescence of portland cement based substrates such as concrete, concrete masonry, and stucco may cause staining or discoloration on the surface of applied base coat.
4. When temperatures less than 40°F (4°C) prevail, provide supplementary heat during installation and drying period for at least 24 hours after installation and until dry.
5. Do not apply in ambient temperature above 100°F (38°C) or surface temperature above 120°F (49°C)
6. Do not apply materials to frozen surfaces.
7. Not for use on damp surfaces, below grade applications or on surfaces subject to water immersion.
8. Application in direct sunlight in hot weather will significantly reduce open time for embedding Parex/SikaWall reinforcing meshes and smoothing the surface.
9. Use only on surfaces that are sound, clean, dry, unpainted and free from any residue which may affect the ability of the EPS Basecoat & Adhesive to bond to the surface.
10. For additional technical guidance, contact Technical Services at (800) 226-2424

ENVIRONMENTAL, HEALTH AND SAFETY

For further information and advice regarding transportation, handling, storage and disposal of chemical products, user should refer to the actual Safety Data Sheets containing physical, environmental, toxicological and other safety related data. User must read the current actual Safety Data Sheets before using any products. In case of an emergency, call CHEMTREC at 1-800-424-9300, International 703-527-3887.

APPLICATION INSTRUCTIONS

SURFACE PREPARATION

Substrates must be clean, dry, sound and free of loose material, releasing agents, paint, efflorescence, contaminants and bond inhibiting coatings.

- Concrete: allow to cure a minimum of 28 days prior to application as a base coat.
- Concrete Masonry: allow concrete masonry to fully cure prior to application as a base coat.
- Stucco: allow to cure a minimum of 7 days prior to application as base coat.

MIXING

In a clean container, mix the contents of the PAREX® MVS EPS Foam Basecoat and Adhesive pail with a low speed drill and paddle mixer until thoroughly blended. Divide pail content in two equal parts, mix 30 lbs. (13.6 kg) of PAREX® MVS EPS Foam Basecoat and Adhesive with 30 lbs. (13.6 kg) of Portland cement in small increments; thoroughly mix to a homogeneous consistency after each additional increment. Let the mixture sit for 5 minutes then stir to a creamy consistency. Up to 32 oz. (0.9 L) of water per half pail, may be added to achieve the desired workability.

- Do not use a container which has contained or been cleaned with a petroleum based product.
- Do not overmix. Excessive stirring will cause faster setting of the PAREX® MVS EPS Foam Basecoat and Adhesive and significantly reduce working time.
- For best results, mix at 400-500 rpm, using a heavy-duty drill with a jiffler type paddle (Goldblatt Jiffler Mixer No. 15311 H7 or similar).
- Additives are not permitted.
- Close container when not in use.
- Clean tools with soap and water immediately after use. Dried material can only be removed mechanically

APPLICATION

EPS Adhesive Application:
Apply EPS Basecoat & Adhesive to the entire surface on one face of the EPS insulation board using a ½"notched trowel. The ribbons should be of uniform thickness, run vertically when positioned on the wall (parallel to the 2 ft. [61 cm] board dimension) and reach the perimeter of the insulation board. To ensure high initial grab and uniform adhesive contact, apply insulation board to the wall with firm pressure to the entire surface. Apply sufficient pressure to flatten adhesive ridges. Glass mat gypsum sheathing requires extra pressure.
To level concrete masonry so that joints are not visible, apply PAREX® MVS EPS Foam Basecoat and Adhesive up to 1/8" (3.2 mm) over the block face, filling joints and covering block surface with a smooth coating. If block joints are not struck flush, install a second coat, and repeat process over first application after it has dried. Maximum total thickness should not exceed ¼" (6.4mm).
To level concrete substrates, grind down irregularities higher than 1/4" (6.4 mm). Fill voids of up to 1/8" (3.2 mm) with PAREX® MVS EPS Foam Basecoat and Adhesive. Then apply a 1/8" (3.2 mm) leveling coat of PAREX® MVS EPS Foam Basecoat and Adhesive over the concrete substrate.
Note: Allow to cure for at least 24 hours before applying finish.

APPLICATION AS BASE COAT FOR REINFORCING MESH EMBEDMENT

Trowel apply base coat to the surface of the insulation board or approved substrate. Fully embed reinforcing mesh into wet base coat, ensure no mesh color is visible. Lap reinforcing mesh a minimum 2 ½" (64 mm) at edges and 8" (203 mm) around corners. Ensure reinforcing mesh is free of wrinkles.
Allow reinforced base coat to dry hard (normally 8 to 10 hours) prior to application of Parex Finish or SikaWall-15 Tinted Primer.

LEGAL DISCLAIMER

- **KEEP CONTAINER TIGHTLY CLOSED**
- **KEEP OUT OF REACH OF CHILDREN**
- **NOT FOR INTERNAL CONSUMPTION**
- **FOR INDUSTRIAL USE ONLY**
- **FOR PROFESSIONAL USE ONLY**

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