BUILDING TRUST

PRODUCT DATA SHEET

PAREX® 121 Wet Basecoat & Adhesive

Dual use Basecoat & Adhesive

PRODUCT DESCRIPTION

PAREX® 121 Wet Basecoat & Adhesive is used with Parex EIFS. It is a 100% acrylic adhesive and base coat that is field-mixed with Type I or Type II Portland cement (50% Acrylic paste to 50% cement ratio). As an adhesive it is used used to laminate EPS or XPS insulation to listed substrates.

USES

For reinforcing mesh embedment as part of Parex Systems and as a skim coat over masonry and concrete above grade substrates.

CHARACTERISTICS / ADVANTAGES

- Trowels on easily, speeds mesh embedment, reduces applicator arm fatigue, increases jobsite productivity.
- Smooth creamy consistency for easier application
- Uses a famiilar 1:1 mixing ratio with porland cement making it easy to mix providing less chance for error.
- 100% Acrylic.
- Water based formulation for safer hanlding and easy clean up.
- Provides long-term durability. Safe, non-toxic and cleans up easily with soap and water.

PRODUCT INFORMATION

Packaging	55 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	4 grams per liter

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® 121 Wet Basecoat & 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

Coverages per pail
Adhesive
Notch trowel: 145-150 ft²
Mesh Embedment
Parex 355 Standard Mesh: 255-260 ft²
SikaWall®-9000 Intermediate 12: 185-190ft²
SikaWall -9015 Ultra Hi 20 & Parex 355 Standard Mesh: 110-115ft²
Adhesive & Parex 355 Standard Mesh: 110ft²
* Coverage rates vary depending on porosity of substrates and application techniques.

Substrates

EPS adhesive for the following substrates:
- Exterior grade gypsum sheathing
- Glass mat gypsum sheathing
- Masonry, concrete and cement board
- EPS
- Parex WeatherSeal Spray & Roll-On and WeatherSeal Trowel-On Water Resistive Barrier Coatings

Drying Time	As a leveler allow to cure 24 hours prior to finish application. As base coat for mesh embedment allow 8-10 hours. PAREX® 121 Wet Basecoat & 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.

USES

1. Not for use directly over wood-based substrates or metal.
2. Do not exceed applied thickness of 1/8” (3.2mm).
3. Efflorescence of Portland cement based substrates such as concrete, masonry units 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. Protect from rain
6. Do not apply in ambient temperature above 100°F (38°C) or surface temperature above 120°F (49°C)
7. Do not apply materials to frozen surfaces.
8. Not for use on damp surfaces, belowgrade applications or on surfaces subject to water immersion.
9. Application in direct sunlight in hot weather will significantly reduce open time for embedding Parex reinforcing mesh and smoothing the surface.
10. 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
11. Do not use as a leveler for EPS. Rasp EPS level.
12. 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 of base coat.
- Unit Masonry: allow to cure prior to application of base coat.
- Stucco: allow to cure a minimum of 6 days prior to application of base coat.

MIXING

In a clean container, mix the contents of the PAREX® 121 Wet Basecoat & Adhesive pail with a low speed drill and paddle mixer until thoroughly blended. Mix one-part (by weight) Portland cement with one-part PAREX® 121 Wet Basecoat & Adhesive. Add Portland cement in small increments, thoroughly mixing to a homogeneous consistency after each additional increment. Let the mixture sit for 5-10 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® 121 Wet Basecoat & Adhesive and significantly reduce working time.
- 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.
- If Type 1-L Portland is used, contact Sika Facades Technical Service for approval.

APPLICATION

ADHESIVE FOR NON-DRAINAGE EIFS/EPS TO EPS

Notched trowel method: Apply base coat to entire surface of insulation board using a stainless steel trowel with 1/2” x 1/2” notches spaced 1/2” apart (13 mm x 13 mm x 13 mm) or 3/8” x 3/8” notches spaced 3/8” apart (10 mm x 10 mm x 10 mm).

ADHESIVE FOR ADHERED SENERGY DRAINAGE EIFS

Apply base coat to entire surface of insulation board using a stainless-steel trowel with 1/2”x 1/2” notches spaced 2” apart (13 mm x 13 mm x 50 mm). Ribbons of adhesive must be applied parallel to the 2’ dimension of the EPS insulation board to ensure they are vertical when the EPS insulation board is applied to the substrate. Immediately set board into place and apply pressure over entire surface of board to ensure positive uniform contact and high initial grab. Do not slide board

into place.
Do not allow base coat to dry prior to installing. Allow application of EPS insulation board to dry (normally 8 to 10 hours) prior to application of PAREX® 121 Wet Basecoat & Adhesive/Reinforcing Mesh.

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 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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Sika Corporation
201 Polito Avenue
Lyndhurst, NJ 07071
Phone: +1-800-933-7452
Fax: +1-201-933-6225
usa.sika.com