BUILDING TRUST

PRODUCT DATA SHEET

PAREX® 121 Dry Basecoat & Adhesive

Dry Dual Use Basecoat & Adhesive for PAREX EIFS systems

PRODUCT DESCRIPTION

PAREX® 121 Dry Basecoat & Adhesive is a dry mix adhesive and basecoat for Parex EIFS Systems. It can be used as an adhesive to adhere EPS to substrates listed below and applied without the addition of portland cement.

USES

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

CHARACTERISTICS / ADVANTAGES

- Water based formula that is safe, non-toxic, and allows for easy clean up with soap and water.
- Dry, bagged product. Just add water to mix.
- Mix only what you need, good for use on small repairs, reducing dumpster and landfill costs of pail disposal.
- Lower cement to polymer ratio, reducing the chance for efflorescence.
- Smooth, creamy consistency that is easy to trowel, speeds mesh embedment, reduces applicator arm fatigue and increases job site productivity.
- Does not require heated shipping or storage.

PRODUCT INFORMATION

Packaging	22.7 kg (50 lbs) per bag
Color	Grey
Shelf Life	12 months when stored off the ground and protected from sun and moisture.
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	0 lbs/gal (0.0 g/l) less water and exempt solvents

TECHNICAL INFORMATION

Test Results

Test	METHOD	CRITERIA	RESULTS
VOC	ASTM D3960 (based in part on EPA method 24)	Report Value	0 lbs/gal (0.0 g/l) less water and exempt solvents.
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 Vapor Transmission	ASTM E96 Method B	Report Value	Base Coat with Parex 355 Mesh and Parex DPR or Aquasol Finish: 21.4 Perms
Surface Burning Characteristics	ASTM E 84	Report Value	Flame Spread < 25 Smoke Development < 450 (Class A)
Tensile Bond	ASTM C297, E2134	15 psi minimum	> 15 psi
Water Resistance of Coating in 100% R.H.	ASTM D 2247	No deleterious effects after 14 days exposure.	Pass
Non-Combustibility of building materials	CAN/ULCS114	No flaming after 30 seconds. Mass loss <20%	Pass

APPLICATION INFORMATION

Coverage

Adhesive
Notch Trowel: 70 ft2 (6.5 m2)
Mesh Embedment
Parex 355 Mesh: 120 ft2 (11 m2) SikaWall-9000 Intermediate 12 85 ft2 (7.8 m2) SikaWall®-9015 Ultra Hi 20 & Parex 355 Mesh: 70 ft2 (6.5 m2)
Adhesive & Parex 355 Mesh Embedment
50 ft2 (4.6 m2)
*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 masonry and cement board
- Over Parex WeatherSeal Spray & Roll-On and WeatherSeal Trowel-On WG Water Resistive Barrier Coatings
- Basecoat for Parex NuTech and other architectural coatings and finishes (ACF).

Drying Time

Typically, 8 to 10 hours. Protect from rain and from temperatures less than 40°F (4°C) for 24 hours after installation and until dry.

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.
2. Do not exceed applied thickness of 1/8” (3.2 mm).
3. Protect from rain and from temperatures less than 40°F (4°C) for a minimum of 24 hours and until dry.
4. 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.
5. 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. 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. Consult Sika Facades Technical Services Department at (800) 226-2424 for specific recommendations concerning all other applications.

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

Fill a clean container with approximately 1.4 gal (5.6 L) of water, add PAREX® 121 Dry Basecoat & Adhesive in small increments, mixing thoroughly to a homogeneous consistency after each additional increment. Allow base coat to set for 5 -10 minutes, then remix/retemper before use. Additional base coat or water can be added to adjust workability.

- Do not use a container which has contained or been cleaned with a petroleum-based product.
- 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

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 PAREX 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 Dry Basecoat & Adhesive/ Reinforcing Mesh.

BASE COAT FOR REINFORCING MESH EMBEDMENT

Trowel apply base coat to the surface of the insulation board or approved substrate. Fully embed reinforcing mesh in to 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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