

PRODUCT DATA SHEET

PAREX® WeatherDry Basecoat

Water-Resistive Base Coat & Adhesive

PRODUCT DESCRIPTION

PAREX® WeatherDry Basecoat is a water resistant basecoat and adhesive. It has an acrylic co-polymer base and requires the addition of portland cement.

USES

PAREX® WeatherDry Basecoat is used to adhere expanded polystyrene (EPS) insulation board to acceptable substrates and for Parex/SikaWall reinforcing mesh embedment as part of Parex wall systems and as a skim coat over above grade masonry and concrete substrates

Note: Not for use directly over wood-based sheathing, Parex WeatherSeal is required over wood sheathing.

CHARACTERISTICS / ADVANTAGES

- Easy to mix 1:1 ratio by weight with portland cement provides less chance of error.
- Water resistant and ideal for use on sloped parapets and window sills.

PRODUCT INFORMATION

Packaging	60 lbs (27.2kg) 5 gallon pail
Shelf Life	Two (2) years, properly stored in original containers.
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.

TECHNICAL INFORMATION

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

Resistance to Weathering	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 of Coating in 100% R.H.	ASTM D 2247	No deleterious effects after 14 days exposure	Pass
	Hydrostatic Resistance	ASTM D751	Report Value	No leakage at 65 psi after five minutes when applied at nominal 1/8" thickness.
Reaction to Fire	Surface Burning Characteristics	ASTM E 84	Report Value	Flame Spread < 25 Smoke Development < 450 (Class A)

APPLICATION INFORMATION

Coverage	Adhesive Notch Trowel: 160 ft² (14.8 m²) Mesh Embedment Parex 355 Mesh: 280 ft² (26 m²) SikaWall Intermediate 12: 200 ft² (18.5 m²) SikaWall Hi-Impact 20 & Parex 355 Mesh: 120 ft² (11 m²) Adhesive & Parex 355 Mesh Embedment: 120 ft² (11 m²)
Ambient Air Temperature	▪ 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).
Substrates	▪ Parex WeatherSeal Spray and Roll On ▪ Expanded polystyrene insulation board (EPS) or Neopor® (GPS) ▪ Cement boards conforming with ASTM C1325 (Type A - exterior) including PermaBase® Cement Board ▪ Poured in place concrete/ concrete unit masonry ▪ ASTM C1177 type sheathings, including DensGlass™ or DensElement exterior sheathing (sheathing only), eXP™ sheathing, GlasRoc® sheathing, Securock™ glass-mat sheathing, Weather Defense™ Platinum sheathing, GreenGlass® sheathing ▪ Gypsum sheathing (ASTM C79/C1396) ▪ Exposure 1 or exterior plywood (Grade C/D or better) and Exposure 1 OSB; requires WeatherSeal.
Cure Time	Under average conditions of 70 °F (21 °C) and 50% Relative Humidity ▪ Parex Weatherdry base coat will typically be fully dry in 24 hours. ▪ Drying time is dependent on humidity, air temperature, sun exposure, surface conditions and product thickness. Lower temperature, higher

- humidity and application in shaded areas will extend drying time.
- Protect applied material from rain or other precipitation and temperatures less than 40°F (4°C) for a minimum of 24 hours or 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.

USES

- Not for use directly over wood-based substrates.
- Do not exceed applied thickness of 1/8" (3.2mm).
- 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.
- Do not apply materials to frozen surfaces.
- Not for use on damp surfaces, belowgrade applications or on surfaces subject to water immersion.
- Parex base coat should not be left exposed and is not intended for use as a finish coating.

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

SUBSTRATE PREPARATION

Substrates must be clean, dry, sound and free of loose material, releasing agents, paint, efflorescence, contaminants and bond inhibiting coatings. Use SikaWall-20 Surface Stabilizer WB for chalky or previously painted concrete and masonry surfaces prior to application of base coat.

- 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® WeatherDry Basecoat pail with a low speed drill and paddle mixer until thoroughly blended. Mix one-part (by weight) Portland cement with one-part base coat. Add Portland cement in small increments, thoroughly mixing

to a homogeneous consistency after each additional increment. Allow base coat to set for 5-10 minutes, then remix/retemper before use. Small amount of clean potable 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

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 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 applying to back of EPS insulation. Allow application of EPS insulation board to dry prior to application of Base Coat/Parex Reinforcing Mesh.

BASE COAT FOR REINFORCING MESH EMBEDMENT

Trowel apply base coat to the surface of the insulation board or approved substrate. Fully embed Parex/SikaWall® Reinforcing Mesh into wet base coat, ensure no mesh color is visible. Lap reinforcing mesh a minimum 2 1/2" (64 mm) at edges and 8" (203 mm) around corners. Ensure reinforcing mesh is free of wrinkles. Allow reinforced base coat to dry hard prior to application of Parex/Sika Finish or Primer.

SKIM COAT

Trowel apply in one application to a 1/16"-1/8" (1.6-3.2 mm) to the approved substrate and smooth the surface. Allow base coat to dry prior to application of SikaWall primer or Parex finish.

Consult Sika Facades Technical Services Department at +1 (800) 266-2424 for specific recommendations concerning all other applications.

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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