

PRODUCT DATA SHEET

PAREX® 121 Wet Basecoat & Adhesive

Dual use Base Coat & Adhesive

PRODUCT DESCRIPTION

PAREX® 121 Wet Basecoat & Adhesive is a 100% acrylic adhesive and base coat that is field mixed with Portland cement.

USES

Used to adhere EPS, GPS and DuPont™ Styrofoam™ Panel Core 20 insulation board to acceptable substrates, 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

- Trowels on easily, speeds mesh embedment, reduces applicator arm fatigue, increases jobsite productivity.
- Smooth creamy consistency for easier application
- Uses a familiar 1:1 mixing ratio with portland cement making it easy to mix providing less chance for error.
- 100% acrylic, water based formulation for safer handling 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.

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: 115-120ft² Adhesive & Parex 355 Standard Mesh: 110ft² * Coverage rates vary depending on porosity of substrates and application techniques.
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	To adhere EPS, GPS and DuPont™ Styrofoam™ Panel Core 20 to the following substrates: - Parex WeatherSeal Spray and Roll On - 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 C1396)
 - Exposure 1 or exterior plywood (Grade C/D or better) and Exposure 1 OSB; requires WeatherSeal
- Skim Coat/Mesh Embedment: Poured in place concrete / concrete unit masonry; stucco; approved rigid insulation; ASTM C1177 and ASTM C1325 type sheathings (soffits/ceiling only)

Drying Time

- Under average conditions of 70 °F (21 °C) and 50% Relative Humidity:
- 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.

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, masonry units and stucco may cause staining or discoloration on the surface of applied base coat.
4. PAREX® 121 Wet Basecoat & Adhesive should not be left exposed and is not intended for use as a finish coating.
5. Not for use on damp surfaces, belowgrade applications or on surfaces subject to water immersion.
6. Application in direct sunlight in hot weather will significantly reduce open time for embedding Parex reinforcing mesh and smoothing the surface.
7. 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.
8. Do not use as a leveler for EPS. Rasp EPS level.

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 7 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. Divide pail content in two equal parts, mix 30 lbs. (13.6 kg) of PAREX® 121 Wet Basecoat & Adhesive with 30 lbs. (13.6 kg) of Type I, IL or II 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. A small amount (up to 15 oz) of water can be added to adjust 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.
- 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

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 prior to application of PAREX® 121 Wet Basecoat & Adhesive/Reinforcing Mesh.

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 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 Parex Finish or SikaWall-15 Tinted Primer.

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

Prior to each use of any product of Sika Corporation, its subsidiaries or affiliates ("SIKA"), the user must always read and follow the warnings and instructions on the product's most current product label, Product Data Sheet and Safety Data Sheet which are available at usa.sika.com or by calling SIKA's Technical Service

Sika Corporation

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



Product Data Sheet

PAREX® 121 Wet Basecoat & Adhesive
November 2025, Version 02.01
021830101000000100

Department at 1-800-933-7452. Nothing contained in any SIKA literature or materials relieves the user of the obligation to read and follow the warnings and instructions for each SIKA product as set forth in the current product label, Product Data Sheet and Safety Data Sheet prior to use of the SIKA product.

SIKA warrants this product for one year from date of installation to be free from manufacturing defects and to meet the technical properties on the current Product Data Sheet if used as directed within the product's shelf life. User determines suitability of product for intended use and assumes all risks. User's and/or buyer's sole remedy shall be limited to the purchase price or replacement of this product exclusive of any labor costs. **NO OTHER WARRANTIES EXPRESS OR IMPLIED SHALL APPLY INCLUDING ANY WARRANTY OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE. SIKA SHALL NOT BE LIABLE UNDER ANY LEGAL THEORY FOR SPECIAL OR CONSEQUENTIAL DAMAGES. SIKA SHALL NOT BE RESPONSIBLE FOR THE USE OF THIS PRODUCT IN A MANNER TO INFRINGE ON ANY PATENT OR ANY OTHER INTELLECTUAL PROPERTY RIGHTS HELD BY OTHERS.**

Sale of SIKA products are subject to the Terms and Conditions of Sale which are available at <https://usa.sika.com/en/about-us/terms-conditions-of-sale.html> or by calling 1-800-933-7452.

PAREX121WetBasecoatAdhesive-en-US-(11-2025)-2-1.pdf

