

## PRODUCT DATA SHEET

# PAREX® WeatherSeal Trowel-On WG

## Trowel Applied Air/Water-Resistive Barrier With Gauging Aggregate

### PRODUCT DESCRIPTION

PAREX® WeatherSeal Trowel-On WG is a 100% Acrylic based water-resistive barrier that is designed for use as air/water-resistive barrier behind exterior claddings. PAREX® WeatherSeal Trowel-On WG is highly flexible: can bridge existing hairline cracks and accommodate small movements.

of dirt and contaminants before the application of EIFS adhesive)

### USES

Water-resistive barrier with gauging that can be applied with a trowel

Water-resistive barrier coating for application to:

- glass mat gypsum sheathing
- exterior grade gypsum sheathing
- exposure 1 or exterior plywood
- exposure 1 OSB
- poured in place/ precast concrete
- concrete masonry/ brick
- cement board sheathing (Consult "Acceptable Substrate and Area of Use" Technical bulletin for more details.)

### CHARACTERISTICS / ADVANTAGES

- One continuous air/water-resistive barrier for buildings with multiple claddings (can be used with most code-compliant claddings).
- Can be applied with a Trowel
- One component, easy to apply formulation that meets low VOC requirements in all 50 states.
- Water Clean Up
- Rugged membrane resists damage after installation.
- Allows for flexible construction scheduling with a 6 month outdoor exposure rating (surface must be clean

PRODUCT INFORMATION

Packaging	55 lb (25.0 kg) net weight pails
Shelf Life	Two (2) years, properly stored in original containers.
Storage Conditions	<ul style="list-style-type: none"><li>Storage: Protect from sun and freezing at all times</li><li>Do not stack pails more than 3 pails high</li></ul>
Volatile organic compound (VOC) content	1 gram per liter

TECHNICAL INFORMATION

Flexural Strength	TEST	METHOD	ICC and ASTM E2570 Criteria	RESULTS
	Flexibility	ASTM D522	No Criteria	No Cracking at 1/8" (3mm)
Tensile Strength	Tensile Bond Strength	ASTM E 2134/ ASTM C 297	Minimum 15 psi (104 kPa)	Pass all listed substrates and flashing materials



**Resistance to Weathering**

Accelerated Weathering	AC 212	25 Cycles followed by Hydrostatic Pressure Test: No water penetration on the plane of the exterior facing side of the substrate.	Pass: No water penetration
Freeze-Thaw Resistance	ASTM E 2485	10 Cycles	Pass: No Deleterious Effects
Hydrostatic Pressure Test	AATCC 127 (Water Column)	Resist 21.6 in (55 cm) water for 5 hours before and after aging	Pass: No water penetration
Water Resistance	ASTM D 2247	14 Days	Pass: No Deleterious Effects.
Water Penetration	ASTM E331	2.86 psf (137 Pa) for 15 minutes	Pass: 25.4 psf (1216 Pa) for 165 minutes
Water Penetration	ASTM E331	Tested after Structural Loading, Racking and Restrained Environmental Cycling at 2.86 psf (137 Pa) for 15 minutes	Pass: No Water Penetration
Water vapor transmission	ASTM E96 Procedure B	Vapor Permeable	8.8 perms
Weathering	ICC ES AC 212/ ASTM E2570	210 hours of UV Exposure, 25 cycles of accelerated weathering, 21.6 in (549mm) water column for 5 hours	Pass

**Microbiological Resistance**

Mildew Resistance	ASTM D3273	No Criteria	35 Days
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**Durability**

Nail Seal ability, Head of Water	ASTM D1970	No Criteria	Pass: 5 inches of water
Racking	ASTM E72	Deflection at $\frac{1}{8}$ in (3.2mm)	Pass: No cracking at field, joints or flashing connection
Restrained Environmental	ICC ES AC 212 / ASTM E2570	5 Cycles of wetting and drying	Pass: No cracking at field, joints or flashing connection
Structural Loading	ASTM E1233 Procedure A	10 Cycles @ 80% design load	Pass: No cracking at field, joints or flashing connection

Air permeance	Air Infiltration	ASTM E2178	Calculated flow Rate at 75 Pa (1.57 lb/ft <sup>2</sup> , 0.3 in H <sub>2</sub> O) = < 0.02 L/m <sup>2</sup> *s (< 0.004 cfm/ft <sup>2</sup> )	< .00001 L/m <sup>2</sup> *s (0.00001 cfm/ft <sup>2</sup> ) at 75 Pa (1.57 lb/ft <sup>2</sup> , 0.3 in H <sub>2</sub> O)
	Air Leakage of Air Barrier Assemblies	ASTM E2357	Pass < 0.2 L / s.m <sup>2</sup> at 75 Pa) (< 0.04 cfm / ft <sup>2</sup> at 1.57 psf)	Pass
Reaction to Fire	Surface Burning Characteristics	ASTM E84	ICC and ASTM E2568 Flame Spread <25 Smoke Developed <450	Flame Spread =0 Smoke Developed =0

## APPLICATION INFORMATION

Coverage	As a water-resistive barrier (One coat): 35-40 mils wet / 23-27 mils dry 150-190 ft <sup>2</sup> (14-17.6 m <sup>2</sup> )
Drying Time	The drying time of PAREX® WeatherSeal Trowel-On WG depends on the air temperature, relative humidity and wind conditions.

## 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

- Use only on surfaces that are sound, clean, dry, unpainted, and free from any residue that might affect the ability of this product to bond with the surface.
- Ambient and surface temperature must be 40°F (4°C) or higher during application and drying time. Provide supplemental heat and protection from precipitation as needed.
- Not to be used for below grade application
- Not for water immersion
- Avoid application in direct sunlight in hot weather.
- PAREX® WeatherSeal Trowel-On WG may be left unprotected on the wall for up to 6 months. However, the surface must be clean of all dirt and contaminants before the application of EIFS adhesive. Contact Sika Facades Technical Support in case of longer exposures.
- 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

### SUBSTRATE PREPARATION

- The substrate should be flat and straight with no planar irregularities over 1/8 in. (3mm) within a 4 ft. (1.2m) span. Caution: Irregular substrates will produce inconsistent adhesion.
- Protruding surface irregularities, including lipping at sheathing board edges, shall not exceed 1/32 in. (0.8mm).
- Remove surface contaminants such as dust or dirt without damaging the substrate. Painted substrates must have the paint removed by methods which result in removal of a minimum of 90% percent of the paint from the surface area that will receive WeatherSeal Trowel WG. Any minor residual paint must be sound and well adhered, and not inhibit bond.
- For additional options for surface preparation, contact Sika Facades Technical Support.

### MIXING

- Use clean equipment for mixing and preparation.
- Do not add water. Stir PAREX® WeatherSeal Trowel-On WG to a uniform consistency. Avoid creating air bubbles or foam.

- No additives of any kind, such as rapid binders, anti-freeze, accelerators, fillers, pigments, etc. should be added under any circumstances.

## APPLICATION

### Read the entire label before using this product.

- Substrate surfaces shall be dry, clean, and sound, free of water repellents, form release agents, or other substances that may interfere with the bond.
- Apply either SikaWall 9000 Sheathing Fabric or Parex 355 4 oz. mesh embedded in PAREX® WeatherSeal Trowel-On WG to all:
  - Sheathing joints
  - Gaps in sheathing up to 1/4 in. (6mm) wide.
  - Open holes up to 1 in. (25mm) across. Correct larger gaps and holes by replacing sheathing.
  - Back flanges of track and flashing.
- Embed 4 in. strips of either SikaWall Sheathing Fabric or Parex 355 4 oz. mesh by applying PAREX® WeatherSeal Trowel-On WG per application instructions to 4 in. of each side of the joint and embed the reinforcing fabric with a stainless steel trowel so that the color of the fabric is not visible.
- PAREX® WeatherSeal Trowel-On WG is applied by trowel. PAREX® WeatherSeal Trowel-On WG that embeds SikaWall Sheathing Fabric may be applied by taping knife.
- Cover the entire surface of the taped substrate with PAREX® WeatherSeal Trowel-On WG. The transparency of the PAREX® WeatherSeal Trowel-On WG is not an indication of the thickness.
- PAREX® WeatherSeal Trowel-On WG with gauging aggregate is self gauging. It should be applied to the thickness of the aggregate. Drag marks indicate it is being applied too thin. Thicker application than required reduces coverage and extends setting and drying time.

## MAINTENANCE

Water soluble prior to drying. Clean tools and containers with water prior to drying.

## 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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### Product Data Sheet

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