

WeatherFlash Liquid Flashing & Joint Filler



2. Manufacturer

Parex USA, Inc.
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3. Product Description

BASIC USE: WeatherFlash liquid flashing and joint filler is used to prepare and seal exterior wall rough openings and detail joints as part of the WeatherTech air and water barrier system.

Uses: WeatherFlash is applied to exterior wall assemblies where it functions as part of an air and water resistive barrier system. WeatherFlash is an all-purpose, liquid applied flashing used in construction applications to bridge dissimilar materials and to create weather resistant, fully adhered pan membranes in window and door installations. Liquid Flashing can be applied over surfaces and substrates that have been prepared per the WeatherTech Guidelines. WeatherFlash bonds to most construction materials, such as aluminum, brick, concrete, wood, vinyl, exterior gypsum board, and various other construction substrates.

Areas of Use

- Window and door rough openings
- Sheathing joints
- Fastener points
- Wall penetrations (Beams, pipes, utility boxes, etc.)

Advantages:

- Single stage product – No mixing needed
- One step application – No primer required
- Flashing Fabrics are optional
- Superior shore hardness – Prevents membrane wear and tear
- Permeable – Allows substrates to breath
- High viscosity – Supports gun and spread applications
- Exceptional adhesion – Bonds to multiple substrates
- Advanced proprietary technology – Produces durable seamless membrane
- Environmentally friendly – Solvent free, isocyanate free and low VOC
- Wet surface application – Bonds and cures in wet conditions
- Class A surface burning rated – Provides added fire protection against flame spread and smoke development
- Contains fungicide – Mold resistant

4. Technical Data

Product Color: Gray

PROPERTY	TEST METHOD	TYPICAL VALUE
TENSILE STRENGTH	ASTM D 412	225 PSI
ELONGATION	ASTM D 412	275%
AIR LEAKAGE & DURABILITY	ASTM E 2357	≤0.0002 CFM/ft ²
SKIN TIME		Less than an hour @ 75°F and 50% RH
LAP SHEAR		275 PSI
LOW TEMPERATURE FLEXIBILITY		Properties retained to -75°F
ULTRAVIOLET RADIATION (UV) RATING	ASTM G 26	2000+ hours UV-A no change in appearance or physical properties
VOLATILE ORGANIC COMPOUNDS (VOC)		9g/l VOC

Packaging: Product is available in 20 oz. (591 ml) sausage packs (20 per Case), and 3 Gal Pails by special order.

Shelf Life: For maximum shelf life, store unopened product at or below 80°F (27°C). Shelf life for Sausage Case is 9 months.

5. Installation

Surface Preparation: All surfaces must be clean, dry and free of all foreign matter or contamination such as oil, grease, and wax, bitumen, curing compounds, form-release agents or other coatings. Old caulking materials should be removed from masonry joints to insure optimum performance of the new sealant. Metal surfaces must be free of rust, corrosion and protective coatings.

- Gun and spread as required.
- Surface temperatures must be between 40°F - 100°F.
- If additional coats of material are required, this product must be cleaned with approved solvent (mineral spirits) and brought back to tacky.

Joint Design: The width or depth of the joint should not be less than 1/8" (3.175 mm). In joints up to 1/2" (12 mm), but not exceeding 1/4" (31 mm) the depth should be maintained at 1/2" (12mm).

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Application

Joint and Gap Filler:

- Fill any and all visible gaps in rough openings and joints with WeatherFlash. Joints of that are 1/4" or greater will require the use of a backer rod prior to the WeatherFlash application. In joints too shallow for backer rod, use a polyethylene bond-breaker tape to prevent three-sided adhesion.
- Work WeatherFlash flush with surface of substrate using a putty knife or trowel.
- Overlap both sides of the gap onto the sheathing a minimum of 1".
- Allow to skin over before installing WeatherTech products.

Liquid Flashing:

Step 1 - Exterior Wall: Apply 1/2" bead of WeatherFlash in a "Zig-Zag" pattern to exterior wall surface adjacent to the rough opening.

- Spread the flashing using a flat trowel to create a monolithic flashing membrane. Extend flashing 4 – 6 inches beyond the rough opening on exterior side of wall surface. Apply additional flashing to cover all voids.

Step 2 - Framing: Apply 1/2" bead of WeatherFlash in a "Zig-Zag" pattern to all exposed framing located inside the rough opening.

- Spread the flashing using a flat trowel to create a monolithic flashing membrane. Completely cover the inside of rough opening. Be sure to extend the flashing out and over flashing previously applied to exterior wall surfaces to create a monolithic membrane. If voids are present, apply additional WeatherFlash as necessary.
- Allow WeatherFlash to cure before installing building components (windows, doors, waterproofing and air barriers).

WeatherFlash, when used as a flashing membrane, is to be applied approximately at a minimum of 30 wet mils.

WeatherFlash is tack-free in 30 minutes at 70°F / 50% RH. Higher temperature and humidity will decrease tack free times, while lower temperature and humidity will extend tack free times.

Limitations:

- Do not apply to bonding surfaces that have contamination (oils, dirt, or release agents).
- Not to be used in active joints resulting in movement greater than 12% in compression or extension.
- Not to be used in areas that are subjected to harsh chemicals (acids, strong alkalis, ketones, etc.).

Warning:

Read complete Warning information prior to use. For medical emergency information, call 1-800-424-9300.

- For more information on handling this product refer to its Safety Data Sheet (SDS). The most current SDS and Product Data Sheet (PDS) can be found on our website.
- This Product Data Sheet has been prepared in good faith on the basis of information available at the time of publication. It is intended to provide users with information about the guidelines for the proper use and application of the covered product(s) under normal environmental and working conditions. Because each project is different, Parex USA, Inc. cannot be responsible for the consequences of variations in such conditions, or for unforeseen conditions.

Cleaning: Immediately remove all excess sealant and smears adjacent to joints with mineral spirits. Use mineral spirits for removing uncured sealant from equipment. Remove cured sealant by scraping, sandpaper, etc. (**Caution:** Mineral spirits is flammable and toxic. Observe cleaning solvent manufacturer's precautions.)

Coverage:

Thickness	20 oz. Sausage Tube	3 Gallon Pail
10 Mils	25 sq. ft.	480 sq. ft.
20 Mils	13 sq. ft.	240 sq. ft.
30 Mils	8 sq. ft.	160 sq. ft.

6. Availability

WeatherFlash is available at leading building material and construction dealers.

Contact Parex or visit our web site for the name of the nearest dealer at www.parex.com.

7. Warranty

Contact Parex USA Technical Services or visit our web site at www.parexusa.com.

8. Maintenance

If the sealant is damaged and the bond is intact, cut out the damaged area and reapply WeatherFlash. No primer is required. If the bond has been affected, remove the sealant, clean and prepare the joint in accordance with the instructions above.

9. Technical Services

Parex USA maintains technical field representatives available throughout the country.

Call Technical Services at 800-226-2424 for the nearest representative.

10. Filing Systems

ParexUSA WeatherTech architectural and product information is available in catalog form, or electronically on our website at www.parexusa.com.

