



TECHNICAL DATA SHEET
Form Flash I™
Conformable Flashing Tape

TECHNICAL DATA

Properties	Test Method	Test Results
Color		Black
Thickness		50 mil
Tensile Strength	ASTM D412	120 psi
Low Temperature Flex	ASTM D1970	-20F (-29C) No cracks or delamination
Elongation	ASTM D412	>500%
Nail Sealability	ASTM D1970	Pass
Permeance	ASTM E96	0.1 perm max
Installation Temperature		40°F to 120°F (5°C to 48°C)
In-Service Temperature		-45°F to 240°F (-42°C to 116°C)

PACKAGING

Roll Width: 4", 6"
Roll Length: 15 feet

Description

Form Flash I is a cold applied self-adhering membrane composed of a conformable and stretchable film on one side with a layer of polymer modified asphalt adhesive.

Features

-
- 30-day exposure rating
- Fully adhered system
- Seals around nails and staples
- Forms a positive air/vapor barrier
- Conformable to irregular shapes
- Compatible with and will adhere to most construction surfaces¹
- Seals out unwanted air and moisture, increasing the energy efficiency of the home

Uses

Form Flash I is used to seal around cable, electrical, gas line, hose bibs, dryer vents, air exchange vents and pipe penetrations on the exterior of the building and the interior for water/gas pipe penetrations under sink cabinets, basement walls and attic spaces. Can also be used as an insect / rodent barrier.

Limitations

Not recommended in high temperature applications to exceed 240
Not recommended for use when exposed to long term UV (30 days is the limit), must be covered by exterior siding, housewrap or equivalent
Not recommended for use over or near solvent-based sealants. See Technical Letter Chemical Compatibility.
Not recommend to be applied over uncured (wet) sealants or adhesives, even if compatible
Not recommended for use in roofing applications over or in contact with PVCTPO and EPDM type roof coverings.

Shelf Life

Form Flash I maintains optimum initial adhesion to substrates when used within one year from the date of manufacture.

Form Flash I should be stored in the original, unopened container at ambient temperatures between 40°F to 90°F (5°C to 32°C). Storage area should remain dry and out of direct sunlight. Do not remove materials from original containers until ready for use. Do not double stack pallets. Store opened rolls in an airtight manner.

Cold Weather Storage – products should be stored in original containers in a warm dry area between 50°F to 90°F (10°C to 32°C). Product should be kept warm a minimum of 24 hours prior to and just up to installation.

Preparation

Surface shall be clean, dry and free of any foreign materials. The surface shall be free of sharp edges and protrusions.

Metal surfaces may need to be solvent wiped and/or abraded to achieve optimum adhesion.

¹ Note: If surface is DensGlass Gold®, OSB, Concrete block (CMU), masonry, fiber board sheathing, exterior gypsum, saturated felt type building wrap or cannot be cleaned to a like new surface or the surface is damp or below 40°F (5°C), primer should be used prior to the application of the membrane. Some housewrap materials may require primer, test for adhesion prior to full application. Refer to: Technical Letter Primer Selection for more information.

Protecto Wrap Company recommends field testing substrates for adhesion before full application. If adhesion to substrate is found to be marginal, then a primer shall be used to ensure optimal adhesion. Refer to: Technical Letter Primer Recommendations; Technical Letter Adhesion to Substrates.

When used on ICF, the surface must be clean, dry and free of all dirt, dust and debris prior to application of the membrane. Protecto Wrap Company recommends testing the ICF for adhesion. If adhesion to the ICF substrate is found to be marginal, then only the Universal Water Based Primer shall be used to ensure optimal adhesion.

Application

For pipe penetrations, cut two pieces of **Form Flash I** 6" wider than the pipe opening. Starting on the bottom side of the pipe, remove the release liner and fold the **Form Flash I** in half (length wise with adhesive to the exterior). Align the **Form Flash I** with the center of the pipe. Adhere **Form Flash I** to the pipe and wrap around the pipe. Use your fingers to mold the remaining half of the **Form Flash I** to the sheathing, making sure the **Form Flash I** is tight to the pipe and to the sheathing with minimal air pockets or bubbles. Take care not to overstretch **Form Flash I** when adhering to the sheathing. Take the second piece of **Form Flash I** and apply it to the top half of the pipe in the same manner, making sure the overlap areas are pressed down tight in a water shedding fashion to the pipe and sheathing.

For electrical boxes and outlets, cut enough pieces to cover the box or outlet a minimum 4" past each side. Starting at the bottom of the box or outlet, remove release liner and apply **Form Flash I** in a shingle fashion to completely cover the box or outlet. Make an "X" cut through the **Form Flash I** in the center of the box or outlet opening extending to no closer than 1" to the corner. Push the **Form Flash I** into the opening and adhere to interior of the box or outlet.

For **Cold Weather Applications**, products should be stored in original containers in a warm dry area between 40°F to 90°F (5°C to 32°C). Product should be kept warm a minimum of 24 hours prior to and just up to installation. Protecto Wrap Company recommends testing substrates for adhesion. If adhesion to substrate is found to be marginal, then a primer shall be used to ensure optimal adhesion. Refer to: "Technical Letter Cold Weather Applications".

Additional methods and detail drawings can be found at www.protectowrap.com or call (800) 759-9727.

Clean Up

Dispose of waste in accordance to local requirements. Control worksite so that boxes and release liner do not present a hazard. Packaging materials and release liner can be recycled.

Caution

Form Flash I should not come into contact with solvent based products, polysulfide's, highly plasticized PVC materials or high concentrations of resins (pitch) and should not be exposed to long term UV (greater than 30 days).

Protecto Wrap Company recommends the use of safety glasses and gloves.

PROTECTO WRAP COMPANY
1955 South Cherokee Street
Denver, CO 80223
(303) 777-3001 • (800) 759-9727
FAX (303) 777-9273
www.protectowrap.com
Made in U.S.A.