



Premium Building Products
That Protect

Protecto Lead Free Flex Flash™
Flexible and conformable roof flashing

TECHNICAL DATA

Properties	Test Method	Test Results
Color		Black
Thickness		100 mil

PACKAGING

11" x 30'

Description

Lead Free Flex Flash is a cold applied self-adhering membrane composed of uncured EPDM with an internal aluminum mesh coated with a layer of Recycled Butyl Adhesive with a split release liner.

Features

- Non-Toxic alternative to Lead flashings
- Rated for full exposure to UV
- Recycled Butyl Adhesive is rated for 300°F
- Fully adhered system
- Split release liner for easy application
- Seals around properly installed fasteners
- Forms a positive air/vapor barrier
- Conformable to irregular shapes
- Will adhere to most building products
- Compatible with most building products

Uses

Lead Free Flex Flash, eliminates the need for Lead flashings and is used to flash all roof to wall transitions, vent stacks and pipe penetrations in roof sheathing, step flashing on sloped roof to wall transitions, in valleys, around chimneys, skylights, dormers and around solar panels.

Limitations

Not recommended in high temperature applications to exceed 300°F

Shelf Life

Lead Free Flex Flash maintains optimum initial adhesion to substrates when used within one year from the date of manufacture.

Storage

Lead Free Flex Flash 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.

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 gaps, 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 or cannot be cleaned to a like new surface or the surface is damp or below 45°F (7°C), primer should be used prior to the application of the membrane to achieve optimum adhesion.

Protecto Wrap Company recommends testing substrates for adhesion prior to 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; See Technical Letter, Adhesion to Substrates.

Application

Lead Free Flex Flash incorporates a split release liner for easy application.

Roof to Wall transitions - cut **Lead Free Flex Flash** to length, remove the top half of the release liner and press against the vertical wall. Use hand roller to force **Lead Free Flex Flash** onto the substrate, once it is fully adhered along the entire length, remove the bottom half of the release liner and adhere to the finished roof covering. **Lead Free Flex Flash** should be formed to fit the contours of tile roof coverings. Firmly roll or press the **Lead Free Flex Flash** onto the tile and smooth it onto the contours of the tile surface.

For Sloped Roof to Wall transitions – do not try to continuously span the whole sloped area with one piece. Cut individual pieces to create step-flashing long enough to overlap the top of each individual tile, up the vertical wall and onto the roofing underlayment.

Lead Free Flex Flash MUST always be chased or built into brickwork or counter-flashed.

Lead Free Flex Flash must be firmly rolled onto the substrate to ensure full contact.

Lead Free Flex Flash should be protected during construction to help prevent damage from other trades

Lead Free Flex Flash can be painted after it has been fully adhered to the roof profile. Use a good quality exterior water based paint or exterior rated spray paint. Follow paint manufacturer instructions, may take more than one coat for full coverage.

Lead Free Flex Flash can be installed vertical or horizontal as needed

Lead Free Flex Flash should be overlapped 2" on all joints. Pressure should be applied by roller to ensure full contact and adequate adhesion.

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

Protecto Wrap Company recommends the use of appropriate fall protection when installing roofing products.

Do not use cleaning products containing harsh abrasives, petroleum solvents or citrus based cleaners that can cause severe damage to **Lead Free Flex Flash**

Limited Warranty

This product is covered by the Protecto Wrap Standard 10 year Limited Warranty

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