

IPCO FLASHING SYSTEM

1. Product Name

IPCO Flashing System

2. Manufacturer

Illinois Products Corporation (IPCO)
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3. Product Description

The IPCO Flashing System is a complete flashing system consisting of multiple components designed for thru-wall flashing and air/moisture barrier applications. When installed as recommended, the multiple components of the IPCO Flashing System provide for a complete, continuous moisture barrier system for masonry walls.

The IPCO Flashing System includes (but is not limited to):

SELF-ADHESIVE RUBBERIZED ASPHALT FLASHING MATERIAL is provided in two thicknesses, 30mil and 40mil. The material consists of rubberized asphalt waterproofing laminated to a tough 4mil high-density, cross laminated polyethylene film. IPCO Flashing is applied by removing the release paper from the rubberized asphalt to expose the adhesive surface.

PREFORMED CORNERS AND END DAMS are an integral part of the flashing system installation, as they provide maximum protection against moisture infiltration at the inside and outside corner conditions. Since field fabrication of these pieces can be ineffective and time-consuming, the IPCO Flashing and the preformed corners and end dams stick to each other forming a continuous moisture barrier at masonry corners.

STAINLESS STEEL DRIP EDGE AND PREFORMED DRIP EDGE CORNERS are another important part of the IPCO Flashing System. The drip edge provides a safe and effective finish for masonry walls. The Stainless Steel Drip Edge Inside and Outside Corners provide a finished corner which is more effective and aesthetically pleasing than field-fabricated drip edge corners. The extra wide drip portion of the Type D Drip Edge allows for easier caulking in roof flashing intersections.

STAINLESS STEEL CAVITY BRIDGE AND PARAPET WALL FLASHING provides positive support and an effective moisture barrier in conditions such as roof/wall intersections, above and below wall openings, and parapet walls, where positive flashing support is critical. The three cavity bridge configurations cover a multitude of field conditions.

PVC TERMINATION BAR should be used when the flashing terminates vertically in the cavity wall. The predrilled holes in the

termination bar provide for easy installation, and the bent angle of the bar allows for easy caulking of the top edge of the termination bar.

IPCO ADJUSTABLE WEEP VENT

Adjustable from 3.5" to 6.5", the IPCO Adjustable Weep Vent will effectively drain the cavity wall, as well as act as a vent at the top of the wall. Adjustable sizing means one weep vent for most projects.

ADDITIONAL PRODUCTS

Additional products include IPCO Mastic, IPCO Primer, and specialty stainless steel and copper pieces.

4. Technical Data

IPCO FLASHING AND PREFORMED CORNERS AND END DAMS

- Total Thickness: 30 & 40mil
- Thickness of Polyethylene Film: 4mil
- Thickness of Rubberized Asphalt: 26 & 36 mils
- ASTM D781: Puncture Resistance of Film (kg/cm): 110 minimum
- ASTM E154: Puncture Resistance of Composite Membrane (lbs): 40 min
- ASTM D412 (modified) Tensile Strength of Composite Membrane: 750psi minimum
- ASTM D882 (modified) Elongation of Rubberized Asphalt: 400% minimum
- ASTM E96 Method B Water Vapor Transmission (permeance, grains/sq. ft./hr in HG): 0.1 maximum

IPCO STAINLESS STEEL DRIP EDGE AND CAVITY BRIDGE

- Type 304 Grade Stainless Steel
- .015"/15mil/27 gauge thickness
- Complies to ASTM A-167

IPCO PVC TERMINATION BAR

- Dimension: 1/8" thick by 1" wide by 8' long
- Material: PVC
- Predrilled holes 1/4" spaced 8" o.c.

IPCO ADJUSTABLE WEEP VENT

- 1.0"x3.5" - 6.5"
- Clear plastic, high impact polyvinyl chloride

For technical data on copper corners or drip edge, please refer to individual data sheets.

5. Installation

Please refer to each individual data sheet for installation instructions for each component of the IPCO Flashing System. IPCO Flashing is recommended for concealed applications only, and should be covered within 30 days to prevent prolonged exposure to sunlight. The flashing material must be terminated at least 1" behind the exterior face of the

masonry wall. If rubberized asphalt flashing or mastic is installed near or outside the exterior face of the masonry wall, sunlight and heat from the sun may cause softening and oozing resulting in staining or dripping. Flashing should not be installed below 25°F. Do not use silicone-based or polysulfide-based sealants in contact with IPCO Flashing. Do not allow IPCO Flashing to come in contact with any dissimilar composite materials. IPCO Mastic should not be used as an adhesive under the IPCO flashing or any place where it may come in contact with the adhesive portion of the IPCO Flashing. IPCO Mastic is only to be used on the polyethylene side of the material.

IPCO Stainless Steel Drip Edge should be caulked on the underside at the exterior face of the wall for maximum moisture barrier control.

Refer to each specific data sheet for each product being provided for additional information and technical data, as well as the IPCO Flashing System Installation Guide included in the IPCO product catalog.

6. Availability and Cost

All Illinois Products Corporation masonry products and cost information are available through a nationwide network of masonry and building supply distributors.

7. Warranty

The recommendations and properties attributed to the products are based upon what is believed to be reliable information. Illinois Products Corporation warrants materials to be of good quality and will replace unused material proven to be defective. No expressed or implied warranty of installed material is made because satisfactory results depend not only on product quality but also upon factors that are beyond IPCO's control.

8. Maintenance

No maintenance is required after proper installation.

9. Technical Services

Contact the manufacturer for any required technical services. Details and suggested application drawings are available on each individual product data sheet. IPCO Material Safety Data Sheets should be read and understood by all personnel before using the products.

10. Filing Systems

Product information is available from the manufacturer in the following formats:

- Complete IPCO product line catalog in printed and CD formats
- Online access to all data sheets at: www.illinoisproducts.com

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