

# ARCHITECTURAL SPECIFICATION FOR THE IPCO FLASHING SYSTEM

NOTE TO SPECIFIER: **Bold text** indicates a choice must be made on material type or size. Edit bold text to conform to products being specified.

## A. PRODUCTS

1. The Flashing System for all heads, sills, shelf angles, spandrels, thru-wall conditions and other locations where flashing is indicated on the drawings, shall consist of a self-adhesive rubberized asphalt laminate flashing material, self-adhesive pre-formed flashing corners and end-dams, stainless steel drip-edge, stainless steel drip edge corners, cavity bridge, and termination bar, all provided by a single-source and installed as a flashing system. Acceptable flashing system shall be the IPCO Flashing System as manufactured by Illinois Products Corp., 423 Joseph Drive, South Elgin, IL 60177-2268, 800-383-8183 and available at masonry supply outlets.
2. Field fabrication of flashing inside corners or outside corners, drip edge inside corners or outside corners, or end-dams shall not be allowed. All flashing corners, drip edge and end-dams must be pre-formed by the manufacturer to insure the integrity of all corner conditions.
3. The self-adhesive rubberized asphalt laminate flashing material shall be **30 or 40 mills (choose one)** of thickness. Flashing material that is not self-adhesive shall not be allowed. Flashing overlaps shall be a minimum of 4" allowing for each flashing section to adhere to the next forming a continuous moisture barrier system. Where required, IPCO Flashing Primer and IPCO Mastic shall be used in accordance with manufacturers recommendations.
4. The flashing corners (inside and outside) shall be pre-formed by the manufacturer and be constructed of **self-adhesive rubberized asphalt OR stainless steel OR copper (choose one)**. Inside and outside pre-formed corners shall be IPCO standard sizes as required for each installation. The flashing material shall overlap the pre-formed corner 4" to form a continuous moisture barrier system.
5. The end-dams shall be preformed by the manufacturer and be constructed of **self-adhesive rubberized asphalt OR stainless steel OR copper (choose one)**. End dams shall be IPCO standard sizes as required for each installation. The flashing material shall overlap the pre-formed end-dam to form a continuous moisture barrier system.
6. **Stainless steel or Copper drip edge (choose one)** shall be provided on the edges of the exterior masonry or shelf angle, or where indicated on the drawings. The stainless steel drip edge shall be 15mil in thickness and contain a hemmed edge. The flat portion of the drip edge shall be a nominal **2" or 3" or 4" (choose one for stainless steel) or 3" (for copper)**. Use the "Extra Wide Drip" Type D drip edge at all locations as indicated on the drawings, or where extra drip depth is required for intersection with other flashing materials. Preformed drip edge corners in **stainless steel or copper (choose one)** shall be used at all corner conditions. The drip edge shall extend beyond the vertical face of the masonry wall and be installed per the manufacturers direction.
7. All flashing will be supported across cavity openings with the IPCO Stainless Steel Cavity Bridge **Type L, Z or F** as required for each field condition and as detailed on the drawings. No flashing shall be installed unsupported across cavity openings or at parapet walls, or at any other field conditions as may be present.
8. The IPCO Termination Bar will be used where the flashing terminates in a vertical position and caulked as directed by the manufacturer.
9. IPCO Adjustable Weep Vents shall be used at the base wall and other areas as indicated by the drawings, including but not limited to above windows, at the top of walls for venting, shelf angles etc. Spacing shall be as required by code but no more than 24" o.c. Extend the adjustable insert of the weep vent so it touches the backup wall or mortar deflection product. See data sheet for complete installation instructions.

## B. INSTALLATION

1. All wall surfaces are to be clean and free of dirt, dust, protrusions, and all foreign materials. Wall surface must be dry prior to installation of flashing system. IPCO primer must be used to ensure self-adhesive flashing materials adhere to all surfaces. All data sheets for each product being provided and the IPCO Flashing System Installation Guide shall be read and understood by anyone installing the material.
2. Drip edge shall be held in place during construction with a continuous bead of urethane sealant or adhesive. The bent hemmed edge portion of the drip edge must extend beyond the vertical face of the masonry wall.
3. Install IPCO cavity bridge and secure to backup wall as required.
4. Install the self-adhesive rubberized asphalt flashing over the drip edge and recess 1" from the vertical face of the masonry wall. Overlap the flashing segments and/or any flashing corners and end-dams a minimum of 4" forming a continuous moisture barrier to direct the flow of water to the exterior and weepholes. All top edges will be terminated with the IPCO Termination Bar, and overlaps will be sealed with a bead of IPCO mastic.
5. The flashing system is not to be installed when the ambient temperature is below 25°F. See the IPCO Flashing System data sheet as well as the IPCO Self-Adhesive Rubberized Asphalt data sheet for other requirements and restrictions of installation, including the correct use of IPCO Primer and IPCO Mastic.
6. Flashing material is not to be exposed to direct sunlight for longer than 30 days.
7. For additional installation instructions refer to the IPCO Flashing System Installation Guide.

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