



Technical Data Sheet

Key Properties

- A lightweight, asphalt-free, through-wall copper flashing product that's also a complete moisture drainage system...without the need for mortar deflection netting or drip edge and is warranted for the life of the wall
- Fewer components to purchase and install
- No mortar deflection netting or drip edge needed
- Lighter weight allows longer 40 ft. rolls, meaning fewer lap joints and less opportunity for water to penetrate
- Non-woven wicking layer draws moisture behind and beneath mortar droppings and out through the mortar joint
- Heavy Duty Fiberglass bonded to copper with clean, asphalt-free rubber adhesive
- Copper core is permanently waterproof, high in tensile strength, and resistant to all acid and alkali reaction
- Non-woven wicking fabric also provides air intake
- Compatible with other building envelope systems; air barriers, foam boards, etc.
- Can be used in non-cavity wall applications, such as: manufactured stone, stucco, pre-cast, etc.
- All of our copper based, non-asphaltic flashings will add to your LEED® calculations.
- Made of 90% recycled copper
- Lightweight, flexible, easily formed by hand on-site
- Approved for installation with UniverSeal sealant or equal, used as a non-penetrating termination bar

Description

A full, single sheet of copper sheet with O60 temper conforming to ASTM B-370-09 bonded with a proprietary rubber based adhesive, between one layer of fiberglass sheeting and one layer non-woven wicking fabric laminated to the copper sheet for cavity wall water/moisture drainage/mortar deflection.

Application

Horizontal Masonry Surfaces: Flashing shall be laid in a bed of UniverSeal polyether sealant or equal utilizing specially designed nozzle recommended by manufacturer and topped with a fresh full bed of mortar. Flashing shall be trimmed flush with the exterior face of the wall after inspection.

Vertical Masonry and Concrete Surfaces: Surfaces receiving the flashing shall be sufficiently clean. Apply flashing with wicking surface facing up to the outside. Embed top edge of flashing in a continuous bead of UniverSeal polyether sealant or equal, utilizing specially designed nozzle recommended by manufacturer

Foundation Sill Flashing: Flashing width required to trim flush with outside face of exterior wythe after inspection, extend through cavity, rising height required on the inside not less than 8". Install on back wall using technique indicated above in Vertical Masonry and Concrete Surfaces paragraph. Then, lay the flashing for foundation sills in a bed of UniverSeal polyether sealant or equal and top with a fresh full bed of mortar. Flashing shall be trimmed flush with the exterior face of the masonry after inspection. Where sill and column meet, flashing shall be brought a minimum of 10" up the column and be secured with UniverSeal polyether sealant or equal.

Cavity Wall Flashing: Flashing width required to trim flush with the outside face of exterior wythe after inspection, extend through cavity, rising height required to cross cavity and extend up back wall at least 8", rising height required to extend above lintel steel at least 6". Install on back wall using technique indicated above in Vertical Masonry and Concrete Surfaces paragraph. Flashing for exterior wythe shall be laid in a bed of UniverSeal polyether sealant or equal and topped with a fresh full slurry of mortar.

Spandrel Flashing: Spandrel flashing shall be trimmed flush with the outside toe of the shelf angle after inspection, go up the face of the beam and then through the wall turning up on the inside not less than 2".

Parapet or Copings: Flashing for parapets or copings shall be laid in a bed of UniverSeal polyether sealant or equal and topped with a fresh full bed of mortar. Flashing shall be trimmed flush with the exterior and interior faces of the masonry wall after inspection.

Head and Sill Flashing: The flashing shall be trimmed flush with the outside of the wall or lintel angle after inspection and then carried through or up the wall as indicated. Flashing shall extend 6" beyond each side of the opening and be turned up at the sides forming a pan. All end dams shall be folded, not cut.

Limited Warranty

York Manufacturing, Inc. warrants this product to be free of defects in workmanship and materials for the Life of the Wall. If any York Flash-Vent™ flashing proves to contain manufacturing defects that substantially affect their performance, York Manufacturing, Inc. will, at its option, replace it or refund its purchase price. This limited warranty is the only warranty extended by York Manufacturing, Inc. with respect to its materials. There are no other warranties, including the implied warranties of merchantability and fitness for a particular purpose. York Manufacturing, Inc. specifically disclaims liability for any incidental, consequential, or other damages including but not limited to, loss of profits or damages to a structure or its contents, arising under any theory of law whatsoever. The dollar value of York Manufacturing, Inc. liability and buyer's remedy under their limited warranty shall not exceed the purchase price of the York Flash-Vent™ in question.

Inspection

In each area where membrane flashing has been installed, a minimum of three locations in the wall joint above the flashing shall be left clean of mortar for water to be forced into the opening to determine if flashing has been installed properly. All flashing that has been left exposed to the exterior should be trimmed flush with the exterior masonry at this time.