



# York 304

## Self Adhering Stainless Steel Flashing

### Key Properties

- 304 Stainless Steel Sheet
- Butyl Adhesive
- Watertight bond
- UV Resistant
- Best in class puncture and tear resistance
- Fire resistant
- Mold resistant
- HPD # available upon request

### Description

**York 304 Self Adhering Stainless Steel Flashing** has been designed with a flexible 2 mil sheet of type 304 stainless steel, 8 mils of butyl adhesive and a siliconized release liner. **York 304** is a self-adhering metal flashing that offers best in class puncture and tear resistance. It can be applied from 20° F to 170° F and stays stable and air tight from -70° F to 250° F.



Available in:

- Widths: 4", 6" 9", 12", 18", 24", 36"
  - Length: 20', 50' Custom sizes upon request.
- Type 316 is available for coastal applications

**York 304** is compatible with the majority of air barriers, sealants, insulations, below grade waterproofing and roofing membranes, which makes it a terrific transition flashing. Excellent bond to a variety of substrates like OSB, exterior gypsum, plywood, concrete, metals and air barrier materials. **York 304** contributes towards LEED by satisfying EA Credit 1 (optimize energy performance) and EQ Credit 4.1 (low emitting materials).

### Uses:

- Through-Wall Flashing
- Transition Membrane (air barriers, roofing, waterproofing)
- Curtain Wall Perimeter Flashing
- Window and Door Pan
- Jamb Closure Flashing
- Repair Tape for flashing, air barriers, etc...
- Roof to Parapet Flashing
- Lap Tape for Through-Wall Flashing



**Surface Preparation:** All surfaces must be clean and dry, free of loose rust, dirt, dust, and talc. Oil, grease and other contaminants should be removed with suitable solvent/cleaner. Avoid placing the adhesive side of the **York 304** with other materials that are high in plasticizer contents.

All masonry surfaces receiving through-wall flashings shall be free from loose materials, and reasonably smooth. There shall be no slopes that will form pockets or prevent free drainage of water to the exterior surfaces of the wall. All work shall be executed in conformance with accepted trade practice.

**Application:** Cut the desired length of **York 304** and remove release sheet.

Position into place and apply positive pressure using a roller (avoid blisters or wrinkles).

Overlap all joints a minimum of 2".

Avoid placing the adhesive of the **York 304** with other materials that have high plasticizer contents.

Follow manufacturer's instructions and safety precautions.

**Through-Wall Flashing:** Install where indicated, specified, or required in accord with flashing manufacturer's written instructions and as follows:

Extend flashing 6" minimum beyond opening. Fold flashing ends at end of openings or horizontal flashing terminations to form end dam or use pre-manufactured units made of 26 gauge stainless steel.

Flashing width, required to start flush with outside face of exterior wythe, extending through cavity, rising height required to extend above lintel steel at least 2".

Splice end joints by overlapping them a minimum of 2" and seal with a compatible sealant or metal splice tape.

**Masonry back up:** Surface apply after dampproofing installation specified in Damp proofing/Air Barrier Section in accord with manufacturer's installation instructions.

Fasten to masonry back-up surface at top by embedding in layer of sealant or use a non-corrosive termination bar and fasten it to the backer wall at the top edge of the flashing

and seal the top edge with compatible sealant or use a termination clamp, which is embedded in the block back up wall.

**Concrete back up:** Surface apply after damp proofing/air barrier installation specified in damp proofing Section in accord with manufacturer's installation instructions.

Fasten to concrete surface at top by embedding in layer of sealant or use a non-corrosive termination bar and fasten it to the backer wall at the top edge of the flashing and seal the top edge with a compatible sealant.

**Stud back up with sheathing:** Fasten to stud back-up at top by embedding in layer of sealant or use a non-corrosive termination bar and fasten it to the backer wall at the top edge of the flashing and seal the top edge with a compatible sealant.

Leave ready for certified compatible building felt or air barrier installation lapping flashing top installed in another Section.

Fold ends of flashing at end of opening to form dam; seal with polyether sealant or use purchased manufacturer's preformed end dams.

Inside and outside corners: Make in industry accepted manner using corner and splice material or purchase manufactured corners from manufacturer.

Use stainless steel or copper drip edge in any location that the underside of the flashing will be exposed and/or deemed necessary by the design professional or AHJ on the project.

Cover flashing within a few days of installation to protect it from damage from the different trades, the environment and falling debris. If flashing is left unprotected and it is punctured, torn, or has loose scrim you should contact the manufacturer for repair instructions.

**Primer:** Not necessary in most applications, when applied to a clean dry surface. Field test surfaces to ensure appropriate adhesion. On surfaces that need additional adhesion, prime surface with solvent or emulsion base primer. Allow primer to dry completely before installing **York 304**.

TECHNICAL DATA		
YORK 304 SELF-ADHERING STAINLESS STEEL		
PROPERTY	TEST METHOD	TYPICAL VALUE
Tensile Strength	ASTM D882	100,000 psi
Puncture	ASTM E154	2,500 psi
Adhesion	PSTC-1	20 psi
Application Temperature		20° F to 170° F
Fire Resistance	ASTM E84	Pass, Class A
Mold Resistance	ASTM D3273	Pass