

**SECTION 07 65 13
LAMINATED SHEET FLASHING**

PART 1 - GENERAL

1.01 SCOPE:

- A. Provide all of the labor, materials, equipment, and services required to furnish and install the wall flashing.
- B. The purpose of this flashing is to prevent penetration of water through the exterior shell of the building.

1.02 QUALITY ASSURANCE:

- A. Qualifications of installers:
 - 1. Provide at least one person who shall be present at all times during execution of the work of this Section and who shall be thoroughly trained and experienced in the materials and methods required and who shall direct the entire flashing installation.
 - 2. Provide the Architect with the name of responsible person and his job title.

1.03 SUBMITTALS:

- A. Prior to installation, submit to the Architect for review the following:
 - 1. Complete and fully descriptive manufacturer's literature which shall include installation instructions as applicable for this Project.
 - 2. A schedule of all locations where the Contractor proposes use of this product.
 - 3. Physical sample of the product intended to be installed.

1.04 PRODUCT HANDLING:

- A. Protection: Use all means necessary to protect flashing materials before, during and after installation and to protect the installed work and materials of all other Trades.
- B. Replacements: In the event of damage, immediately make all repairs and replacements necessary to the approval of the Architect and at no additional cost to the Owner.

1.05 WARRANTY

- A. Special warranty:
 - 1. Warrant flexible flashing material for
 - a. Copper flexible flashing: life of the wall.
 - 2. Begin warranty at Date of Substantial Completion.

PART 2 - PRODUCTS

2.01 COPPER LAMINATED SHEET FLASHING:

- A. Product/manufacturer:
 - 1. Multi-Flash 500 Series as manufactured by York.
 - 2. Or comparable products as manufactured by:
 - a. STS Coatings, Inc.
 - b. BMWCO, Inc.

- B. Description:
1. Copper core with polymer fabric laminated to both copper faces with non-asphalt adhesive.
 2. Copper type, ASTM B248-06: CDA Alloy 110, 060 Temper.
 3. Weight: 5 oz.
 4. Fabric: Polymer fabric; laminated back face copper core with core weight manufacturer identified on product with color coded laminate or printed on the material.
 5. Size: Manufacturer's standard width rolls.
 6. Polyether sealant or as other recommended by the flashing manufacturer for its compatibility with surrounding materials.
 7. Corner and splice material: Pre-manufactured corners and end dams.

2.02 TERMINATION BARS AND CLAMPS:

- A. Termination Bar:
1. Rigid vinyl extrusion, non-corrosive, UV resistant, rot resistant, non-conductive and 100% re-cycled.
 2. Provide with positioning lip on the back to assist in appropriate positioning and a sealant catch lip to hold the sealant at the termination point.
 3. Flexible for bending at protrusions and not losing its strength.
- B. Termination Clamps:
1. Rigid vinyl extrusion, non-corrosive, UV resistant, rot resistant, non-conductive and 100% re-cycled.
 2. Provide with a sealant catch lip to hold the sealant at the termination point.
 3. Flexible for bending at protrusions and not losing its strength.

2.03 OTHER MATERIALS:

- A. All other materials, not specifically described but required for a complete and proper installation of flashing, shall be new, first quality of their respective kinds, and subject to the approval of the Architect.

PART 3 - EXECUTION

3.01 INSTALLATION:

- A. Install flashing in all locations where the flashing shall be totally concealed.
- B. In general, provide through wall flashing under sills, over exterior openings, and as otherwise indicated. Extend flashing into underside of frame or next higher joint of back-up. Provide watertight end dams at the point where horizontal flashing terminates.
- C. General requirements:
1. Install where indicated, specified, or required in accord with flashing manufacturer's written instructions and as follows.
 2. Extend flashing 6" minimum beyond opening. Fold flashing ends at end of openings or horizontal flashing terminations to form end dam.
 3. Flashing width: Width required starting flush with outside face of exterior wythe, extending through cavity, rising height required to extend above lintel steel at least 2".
 4. Splice end joints by overlapping them 6" and seal with a compatible sealant.
 5. Top edge of flashing shall be secured and sealed to the backup with termination bar in accordance with the manufacturer's instructions.
 - a. Fill the sealant lip with a continuous bead of sealant.
 - b. Steel stud construction: Fasten through substrate material to each stud with manufacturer approved headed fastener.

- c. Masonry construction: Fasten to masonry back-up at 16" O.C. with flashing manufacturer approved headed fastener.
 - d. Fasteners shall be of the type and size as recommended by the flashing manufacturer.
- D. Masonry back up:
 - 1. Surface apply after damp proofing installation specified in damp proofing Section in accord with manufacturer's installation instructions.
 - 2. Fasten to masonry back-up surface at top by embedding in layer of polyether 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 sealant.
- E. Leave ready for certified compatible building felt or air barrier installation lapping flashing top.
- F. Lay flashing in continuous bead of polyether sealant on masonry supporting steel.
- G. Fold ends of flashing at end of opening to form dam; seal with sealant and use purchase manufacturers preformed end dams.
- H. Corners:
 - 1. Inside corners: Make in industry accepted manner using corner and splice material or purchase manufactured corners from manufacturer.
 - 2. Outside corners: Make in industry accepted manner using corner and splice material or purchase manufactured corners from manufacturer.
- I. 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.
- J. After installation, cut wall flashing flush with exterior faces of joints.
- K. Seal joints with cold setting cement or mastic.

- END OF SECTION -