

SECTION 07656

SELF-ADHERING SHEET FLASHING

PART 1 - GENERAL

1.01 DESCRIPTION

- A. This Section describes the requirements for furnishing and installation modified bituminous sheet flashing material under metal flashings and where indicated.
- B. Related Sections:
 - 1. Sheathing paper is specified in Section 06163.
 - 2. Sheet metal flashing and trim is specified in Section 07620.
 - 3. Window and door flashing is specified in Section 07657.

1.02 SUBMITTALS

- A. Product Data: Furnish manufacturer's standard product data sheets and installation recommendations and instructions.

1.03 JOB CONDITIONS

- A. Apply flexible flashings in fair weather at temperatures of 40-degrees F. and above.
- B. Provide adequate ventilation of enclosed spaces where primer is used.

PART 2 - PRODUCTS

2.01 APPROVED MANUFACTURERS

- A. Grace Construction Products "Grace Ultra", Fortifiber Corporation "FortiFlash", Protecto Wrap Company "Heavy Duty Fast Flash" or approved equal self-adhering butyl rubber membrane adhesive backed by a layer of high density cross laminated polyethylene, minimum 30-mils thick.

2.02 MATERIALS

- A. Membrane: Composite of polyethylene film and self-adhesive rubberized asphalt, conforming to the following physical properties:
 - 1. Thickness: 40-mils minimum.
 - 2. Tensile Strength: 250-psi minimum when tested in accordance with ASTM D412.
 - 3. Elongation: 250-percent minimum when tested in accordance with ASTM D412 (Die C) modified.
 - 4. Pliability, 180-degrees F. bend (1-inch mandrel at -25-degrees F): Unaffected when tested in accordance with ASTM D146.
 - 5. Optional Facing: 2-mil aluminum foil.
- B. Primer: As recommended by membrane manufacturer for priming substrates to receive modified bituminous sheet flashing.

PART 3 - EXECUTION

3.01 PREPARATION

- A. Remove dust, dirt, loose fasteners and other protrusions.
- B. Prime concrete and gypsum sheathing with primer at the rate of 250- to 350-square feet per gallon.

3.02 INSTALLATION

- A. Cut the membrane into 10- to 15-foot lengths and re-roll.
- B. Peel-back 1- to 2-feet of release paper, align on the lower edge and place the first 1- to 2- feet. Pull the release paper under the membrane and continue to peel it from the membrane.
- C. Press and roll the membrane in place to assure full adherence to the substrate. Eliminate wrinkles, bubbles and potential water paths through the membrane.
- D. Lap ends at least 6-inches and sides at least 3-1/2-inches.
- E. Installed membrane shall be covered with subsequently applied covering material.

END OF SECTION