

Advanced Building Products, Inc.
PO Box 98
Springvale, Maine 04083
Toll Free 800-252-2306
Phone 207-490-2306
Fax 207-490-2998
Website www.advancedflashing.com
E-mail info@advancedflashing.com

July 2010

Product Guide Specification

Specifier Notes: This product guide specification is written according to the Construction Specifications Institute (CSI) 3-Part Format, including *MasterFormat*, *SectionFormat*, and *PageFormat*, as described in *The Project Resource Manual—CSI Manual of Practice, Fifth Edition*.

This section must be carefully reviewed and edited by the Architect to meet the requirements of the project and local building code. Coordinate this section with other specification sections and the Drawings. Delete all %Specifier Notes+after editing this section.

Section numbers and titles are from *MasterFormat 2010 Update*.

SECTION 07 65 13

LAMINATED SHEET FLASHING

Specifier Notes: This section covers Advanced Building Products, Inc. %Copper Sealtite 2000®+non-asphaltic, thru-wall, laminated, copper fabric flashing. Use of %Copper Sealtite 2000+may contribute toward LEED credits.

Consult Advanced Building Products, Inc. for assistance in editing this section for the specific application.

PART 1 GENERAL

1.1 SECTION INCLUDES

- A. Non-asphaltic, thru-wall, laminated, copper fabric flashing.

1.2 RELATED REQUIREMENTS

Specifier Notes: Edit the following list of related sections as required. Delete related sections not required. List other sections with work directly related to this section.

- A. Section 04 05 23 . Masonry Accessories.
- B. Section 04 2__ __ . _____ Masonry: Masonry installation.
- C. Section 07 60 00 . Flashing and Sheet Metal.

1.3 REFERENCE STANDARDS

Specifier Notes: List reference standards mentioned in this section, complete with designations and titles. Delete reference standards not included in this edited section. This article does not require compliance with reference standards, but is merely a listing of those used.

- A. ASTM B 370 . Standard Specification for Copper Sheet and Strip for Building Construction.

1.4 SUBMITTALS

Specifier Notes: Edit submittal requirements as required. Delete submittals not required.

- A. Comply with Section 01 33 00 . Submittal Procedures.
- B. Product Data: Submit manufacturer's product data, including preparation and installation instructions.
- C. Samples: Submit manufacturer's sample of flashing, minimum 6 inches by 6 inches.
- D. Manufacturer's Certification: Submit manufacturer's certification that materials comply with specified requirements and are suitable for intended application.
- E. Warranty Documentation: Submit manufacturer's standard warranty.

1.5 QUALITY ASSURANCE

- A. Manufacturer's Qualifications: Manufacturer regularly engaged, for past 10 years, in manufacture of non-asphaltic thru-wall flashing of similar type to that specified.

1.6 DELIVERY, STORAGE, AND HANDLING

- A. Delivery and Acceptance Requirements: Deliver materials to site in manufacturer's original, unopened containers and packaging, with labels clearly identifying product name and manufacturer.
- B. Storage and Handling Requirements:
 - 1. Store and handle materials in accordance with manufacturer's instructions.
 - 2. Keep materials in manufacturer's original, unopened containers and packaging until installation.
 - 3. Store materials in clean, dry area indoors.
 - 4. Protect materials during storage, handling, and installation to prevent damage.

1.7 WARRANTY

- A. Warranty Period: Lifetime.

PART 2 PRODUCTS

2.1 MANUFACTURER

- A. Advanced Building Products, Inc., PO Box 98, Springvale, Maine 04083. Toll Free 800-252-2306. Phone 207-490-2306. Fax 207-490-2998. Website www.advancedflashing.com. E-mail info@advancedflashing.com.

2.2 LAMINATED SHEET FLASHING

- A. Non-asphaltic, Thru-Wall, Laminated, Copper Fabric Flashing: ~~Copper~~ Sealtite 2000+
 - 1. Description: Full, single copper sheet laminated with adhesive between 2 layers of fiberglass fabric.

Specifier Notes: Specify the weight of the copper sheet.

- a. Copper Sheet: [2] [3] [5] oz per sq ft, ASTM B 370.
 - b. Adhesive: Non-asphaltic.
- 2. Use: Above-grade masonry flashing for cavity walls.
- 3. UV resistant.
- 4. Flexible.

2.3 ACCESSORIES

- A. Sealant: ~~Sealtite~~ Sealant+for non-asphaltic flashing.
- B. Mortar Deflection Device: ~~Mortar Break~~+or ~~Mortar Break II~~+

PART 3 EXECUTION

3.1 EXAMINATION

- A. Examine areas to receive flashing.
- B. Notify Architect of conditions that would adversely affect installation or subsequent use.
- C. Do not begin surface preparation or installation until unacceptable conditions are corrected.

3.2 SURFACE PREPARATION

- A. Prepare surfaces to receive flashing in accordance with manufacturer's instructions.
- B. Ensure surfaces to receive flashing are free from loose materials and are reasonably smooth.

- C. Ensure there are no slopes to form pockets or prevent free drainage of water to exterior surfaces of wall.

3.3 INSTALLATION

- A. Install flashing in accordance with manufacturer's instructions at locations indicated on the Drawings.

Specifier Notes: Edit the following sentence. Include the section number for the masonry installation.

- B. Masonry: Install masonry as specified in Section 04 2__ ____.
- C. Horizontal Masonry Surfaces:
 - 1. Lay flashing in slurry of fresh mortar and top with fresh full bed of mortar.
 - 2. Carry flashing through wall as indicated on the Drawings and leave exposed at exterior for inspection.
 - 3. After inspection, cut flashing flush with exterior masonry.
- D. Vertical Masonry Surfaces:
 - 1. Apply sealant to surfaces receiving flashing to hold flashing in place until masonry is set.
 - 2. Secure flashing in back wall mortar joint or reglet as indicated on the Drawings.
- E. Foundation Sill Flashing:
 - 1. Lay flashing for foundation sills in slurry of fresh mortar and top with fresh full bed of mortar.
 - 2. Leave flashing flush with exterior face of masonry and turn up on inside a minimum of 2 inches or carry upward across cavity a minimum of 6 inches.
 - 3. Secure flashing in back wall in reglet or mortar joint.
 - 4. Bring flashing a minimum of 10 inches up columns and secure, where sill and columns meet.
- F. Cavity Wall Flashing:
 - 1. Lay flashing in slurry of fresh mortar and top with fresh full slurry of mortar.
 - 2. Leave flashing flush with exterior face of masonry wall and carry through wall, upward across cavity a minimum of 6 inches, and secure in back wall mortar joint or reglet.
- G. Spandrel Flashing: Start spandrel flashing from outside toe of shelf angle, go up face of beam, and through wall turning up on inside a minimum of 2 inches.
- H. Parapet or Copings:
 - 1. Lay flashing for parapets or copings in slurry of fresh mortar and top with fresh full bed of mortar.
 - 2. Install flashing flush with exterior and interior faces of masonry wall.
- I. Head and Sill Flashing:
 - 1. Start flashing flush with outside of wall or lintel angle and carry through or up wall as indicated on the Drawings.
 - 2. Extend flashing 6 inches beyond each side of opening and turn up at sides forming pan.
 - 3. Fold corners; do not cut.

- J. Other Areas: Install flashing at other locations in accordance with manufacturer's instructions.
- K. Joining of Material:
 - 1. Make joint by lapping a minimum of 4 inches and coating contact surfaces with sealant.
 - 2. Install flashing with minimum number of lap joints.
- L. Weep Holes:
 - 1. Install flashing through masonry with proper drainage to outside.
 - 2. Provide weep holes in head joint, with first course immediately above flashing.
 - 3. Keep weep holes free of mortar droppings.
- M. Mortar Deflection: Install mortar deflection device at flashing locations to ensure proper weepage.

3.4 FIELD QUALITY CONTROL

- A. Inspection: Verify flashing has been properly installed at required locations to prevent water penetration.

Specifier Notes: Delete the water test if not required.

- B. Water Test:

Specifier Notes: Edit the following sentence.

- 1. Water test flashing at [a minimum of 3 locations in each area where flashing has been installed] [locations designated by Architect].
 - 2. Leave wall joint above flashing clean of mortar at each test location.
 - 3. Force water into openings to determine if flashing has been properly installed and weep holes provided as specified.
 - 4. Report water test results to Architect.
- C. Trim flashing left exposed to exterior flush with masonry after inspection [and water test].

3.5 PROTECTION

- A. Protect installed flashing from damage during construction.

END OF SECTION