

®
FIBERWEB

®
COPPER AQUA FLASH
FLASHING

Specification Section 07 65 00
Flexible Flashings

DESCRIPTION

A 50 mil. composite flexible flashing consisting of 3 ounce solid sheet of annealed copper which is laminated on one side with a polyester film and coated on the other side with a highly adhesive SBS modified bitumen with a silicone release liner. By completely encapsulating the copper with film on one side and rubberized asphalt on the other, the copper is protected from any alkalis or acid attack. The already applied rubberized asphalt (40 mils) eliminates not only any areas of non-adhesion when the material is pressed into place, but also enhances the longevity and waterproofing characteristics of the *COPPER AQUA FLASH*.

The *COPPER AQUA FLASH* membrane can be applied as part of a system using *AQUA FLASH* Primer and *AQUA* flash Mastic. *COPPER AQUA FLASH* can be applied to masonry, concrete, concrete block, brick, metal, wood, plywood, and OSB.

Features and Benefits: a composite flashing which is:

- Self-sealing
- Excellent puncture resistance
- High temperature stability

MODEL SPECIFICATIONS:

Special Requirements: All material specified shall be delivered to the jobsite in approved manufacturer's sealed containers bearing manufacturer's name and material identification.

Preparation: all masonry and other surfaces receiving flashings should be reasonably smooth, free from loose material and completely dry. There shall be no slopes which would prevent the free flow of water to the exterior surface of the wall. All work shall be executed in conformance with accepted trade practices.

Materials: Flashings shall be *COPPER AQUA FLASH* consisting of a solid sheet of 3 oz. annealed copper permanently laminated with polyester film on one side and coated with 40 mils of rubberized asphalt on the other side for a total thickness of 50 mils.

Applications:

- Thru-Wall Flashing
- Concealed flashing
- Foundation Sill Flashing
- Base Flashing
- Spandrel Flashing
- Head and Sill Flashing
- Parapet Flashing

APPLICATION INSTRUCTIONS

Prior to any primer application the surface must be dry and free of any loose dirt or debris and reasonably smooth. Prime substrate with *AQUA FLASH* Primer following priming instructions. Primer should be dry before applying membrane. *COPPER AQUA FLASH* membrane should be cut into manageable length of 8-

10 feet. Partially remove release liner and start positioning the membrane into place. Once correctly positioned, remove the release liner completely and discard. Use a steel hand roller to secure the flashing firmly into place. The membrane installed should be free from any wrinkles, sags, or gaps thereby eliminating any possible migration of water behind the membrane.

A bead of *AQUA FLASH* Mastic should be applied along any horizontal top edge running the length of the membrane. All laps should be a minimum of 4 inches. All seams and laps should be sealed with *AQUA FLASH* mastic. Either trim the edges of the membrane or lay the membrane ½ inch from the face of the masonry. Once installed no maintenance is required.

- Inside and outside corners must be covered with two layers of membrane and sealed with mastic
- Not to be used for exposed flashing
- Not to be applied below 32 degrees Fahrenheit
- Not to be used with oil based, wax based or polysulfide sealants or creosote
- Not to be installed without a termination bar
- Flashing should be covered within a few days after installation to protect material from damage from other trades, any falling debris or the environment.

Sizes: Standard widths: 12", 16", 18", 24", 36"
Standard length: 50 lineal feet

Packaging: 30 boxes per pallet
Weight: 1260 lbs./pallet on 6", 12", 18", 36" (16"/1109 lbs. & 24"/840 lbs.)
Dimensions 45" X 38" x 42" (for 6", 12", 16", 18", 36")
Dimensions 45" X 26" x 42" (for 24")
Pallets are stackable

Storage

Product needs to be protected from excessive heat or inclement weather. Prior to application, product should be stored at a minimum temperature of 60 degrees Fahrenheit. Temperature not to exceed 120 degrees Fahrenheit or go below 25 degrees Fahrenheit.

Note: Clark Hammerbeam Corporation is not responsible for incompatibility from the use of non-AQUA FLASH primer and mastic.

Property	Average Values	Test Method
MVT	0.02 grains max/sq./ft./hr. in HG	ASTM E96
Water Absorption	1% by weight max.	ASTM D570
Pliability @ 180° bend over ½" Mandre	to -30°F no crack or peel	ASTM D146
Tensile Strength -Copper	31,500 psi	ASTM D 882
Tensile Strength (membrane/film)	800 psi	ASTM D 412 (Die C modified)
Water Resistance	>30 hr.	ASTM D 779
Puncture Resistance	90 lbs. min.	ASTM E154
Material Thickness	50 mils Nom.	ASTM D 1970
Pliability	pass	ICC-ES AC 38
Nail Seal-ability-AMMA	pass	ASTM D 1970

®

FIBERWEB
COPPER *AQUA FLASH*

DIVISION OF
Clark/Hammerbeam Corp.
PO Box 381
Dedham, Ma 02027
www.fiberwebflashing.com