AQUA FLASH
METAL AND TILE ROOF UNDERLAYMENT
HIGH TEMPERATURE
Poly Surfaced Self Adhesive Membrane

DESCRIPTION

AQUA FLASH Metal & Roof Underlayment is a durable and self- adhesive membrane specifically designed to withstand the rigors of a commercial jobsite. The strong and slip resistant polyethylene surface provides a rugged barrier to weather and moisture, UV degradation and physical damage. The proprietary rubberized asphalt adhesive (SBS modified bitumen) layer provides exceptional thermal stability in high heat with the benefits of cold temperature application. The adhesive layer is protected with a release liner which is removed during installation.

AQUA FLASH Metal & Tile Roof Underlayment is 40 mils thick and comes in rolls 3'x 66.6' (200 sq./ft.) AQUA FLASH Metal & Tile Roof Underlayment is cold applied and requires no heat, special adhesives or equipment.

KEY PROERTIES

SUPERIOR SLIP RESISTANT SURFACE
THERMALLY STABLE UP TO 260 DEGREES
RUGGED BARRIER AGAINST FOOT TRAFFIC
45 DAY EXPOSURE TIME
SELF ADHESIVE/ COLD APPLIED

USES

AQUA FLASH Metal & Tile Roof Underlayment prevents moisture entry into structures by sealing uniformly to the deck and around nail penetrations. The membrane can also be used as a temporary roof to protect the structure until the primary roofing system is installed. AQUA FLASH Metal and Tile Roof Underlayment can be exposed for a maximum of 45 days.

APPLICATION

AQUA FLASH Metal & Tile Roof Underlayment should be installed when the ambient temperatures is 40 degrees F and above. All dirt, dust loose material and other debris must be removed. AQUA FLASH Metal & Tile Roof Underlayment can be installed directly to the structural deck. Cut the membrane into manageable lengths (10'- 12'). The membrane should eb aligned parallel to the roof edge and extending over the roof eave by ¼". Fold the membrane away from the edge onto itself and remove the release liner. Place the membrane with the exposed rubberized asphalt onto the deck surface, pressing firmly into place. Overlap successive courses by 3". All end laps should overlap by 6". On all roof applications, it is necessary to nail all the overlaps of the membrane 12" on center.

DETAILS

All roof penetrations are to be sealed with a modified bitumen adhesive

All vertical surfaces of the membrane shall turn up a minimum of 8 inches

At all valleys, a continuous sheet of membrane shall be centered in the valley and overlapped by each course a minimum of 6 inches

When adhering the membrane to any metal surface, an asphalt primer is required prior to application of membrane

For added end lap protection, apply a coating of modified bitumen mastic underneath all overlaps

SAFETY, HANDLING, STORAGE

AQUA FLASH Metal & Tile Roof Underlayment pallets should not be double stacked. Allow for adequate ventilation.
Consult Material Safety Data Sheets for information on the safe handling, storage and personal protection, environmental and health considerations.

CODE APPROVALS AND STANDARDS

ASTM D 1970 Standard Ice Dam Underlayment

TECHNICAL DATE

PROPERTIES	TEST METHOD	MIN. VALUE
Tensile Strength	ASTM D 412	25 lbs./in.(psi)
Permeance	ASTM E 96	.01 perms (max)
Elongation-rubberized asphalt	ASTM D 412	250%
Low Temperature Flexibility @ -25°F (32°C)	ASTM D 1970	No Change
Adhesion to Plywood	ASTM D 903	9 lbs./in. (528 N/M)

FIBERWEB

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