

AQUA FLASH Ice & WeatherShield

GRANULAR 50 MILS

ROOF UNDERLAYMENT

DESCRIPTION:

AQUA FLASH Granular Ice and Weather Shield is a self- adhesive composite roof underlayment. The adhesive layer is comprised of proprietary modified asphalt reinforced with heavy fiberglass matting. The surfacing of opaque granules provides excellent weathering, protection from UV radiation and traction. The adhesive layer has a removable release liner which is discarded during installation. AQUA FLASH Granular Ice and Weather Shield is self adhesive and cold applied. No special equipment is necessary to install AQUA FLASH Granular Ice and WeatherShield.

SIZES:

AQUA FLASH Granular ice and WeatherShield is 50 mils thick. Rolls are 3' x 67' or two- square

USES:

AQUA FLASH Granular Ice and WeatherShield is used as an underlayment for slate shingle tile or concrete roofs. The composite membrane prevents moisture entry into structures by sealing uniformly to the deck and around nail penetrations. AQUA FLASH Granular Ice and WeatherShield protects all types of buildings from damage due to wind driven rain and ice dams.

APPLICATION:

AQUA FLASH Granular Ice & WeatherShield must be attached directly to the structural deck. All dirt, dust debris and loose nails must be removed. Place either wood starter shingles or metal drip edge directly over
AQUA FLASH Granular Ice & WeatherShield.

Cut AQUA FLASH Granular Ice & WeatherShield into manageable lengths. Position the membrane along the eave. Peel back 1-2 feet of the release liner, align the membrane and press throughly into place. Then remove the remaining release liner. Additional courses need to be overlapped a minimum of 3 inches and end laps a minimum of 6 inches.

Smooth shank galvanized nails are recommended for fastening shingles without overdriving the nails.

STANDARDS & CODE LISTINGS

ASTM D 1970 Standard Ice Dam Underlayment
ICBO report no. 4991
Underwriters Laboratories Class A and Class C Fire Rating
Uniform Building Codes Nos. 32B-1, 32B-2, 32D-1, 31D-2
Miami Dade County- NOA 06-0518.08

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TECHNICAL DATA TABLE

PROPERTIES	TEST METHOD	VALUES
Moisture Vapor Transmission	ASTM E 96	0.019 g/hr./sq./m. max
Tensile Strength/Weathered MD CMD	ASTM D 412	62 lbs./in. (1127 psi) 47 lbs./in. (854 psi)
Tensile Strength/Weathered MD CMD	ASTM D 412	65 lbs./in. (1181 psi) 64 lbs./in. (1163 psi)
Tensile Strength, UV Aging MD CMD	ASTM D 412	73 lbs./in. (1327 psi) 52 lbs./in. (945 psi)
Peel Adhesion	ASTM C 794	19 lbs./in.
Peel Adhesion/ 7 Day Water	ASTM C 794	13 lbs./in.
Peel Adhesion/ 210 Hrs. U.V.	ASTM C 794	11 lbs./in.
Cycle Over Crack/-20°F (-29°C)	ASTM C 836	pass
Pliability @ 14°F (-10°C) @ 1/8" @ 90° Bend	ASTM D 146	pass

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