

GF-60

UV STABLE REINFORCED FLASHING MEMBRANE

DESCRIPTION

GF-60 is a nominal 60 mil (1.5 mm) thick reinforced thermoplastic flashing membrane with excellent UV, tear, puncture and flame resistance. Membrane is dual color with white thermoplastic top coat and black bottom coat. GF-60 is also resistant to most forms of fungus, algae and micro-biological attack.

APPLICATIONS

GF-60 is used for above or below grade flashing applications including grade terminations, curbs, walls, field wraps and patches. GF-60 can be used in conditions exposed to direct UV and weather conditions.

INSTALLATION

Install GF-60 grade flashing membrane with bottom edge overlapping CoreFlex membrane a minimum 4" (100 mm); use Adhesive SB-100 to adhere GF-60 flashing membrane continuously to substrate (except for top 2" (50 mm)). GF-60 can be installed with either the black or white side oriented outward. Precut flashing into easily handled lengths. Apply Adhesive SB-100 to both the substrate and the side of the flashing that will be installed against the substrate. Allow adhesive to dry to the point that it is stringy to the touch but does not transfer. When sufficiently dry, carefully place coated side of flashing onto the coated substrate. Do not allow adhesive to completely dry before installing flashing. Press flashing firmly into place without wrinkling or air pockets.

Secure bottom edge of GF-60 to CoreFlex with a continuous thermoplastic weld per manufacturer's guidelines. Overlap adjacent GF-60 roll ends a minimum 4" (100 mm) and seal with continuous thermoplastic weld.

Terminate top edge of GF-60 flashing membrane at elevation per project details and specifications. Apply CETSEAL 2" x 90 mil thick to the substrate behind the top, non-adhered edge of GF-60 grade flashing. Then secure top edge of GF-60 with termination bar fastened into substrate maximum 12" (300 mm) on center. Complete grade termination detail with tooled bead of CETSEAL along the top edge.

PACKAGING

Available in 18" x 50' (0.45 m x 15.2 m) rolls.

TYPICAL CURED PROPERTIES

PROPERTY	TEST STANDARD	TYPICAL VALUE
Thickness	ASTM D751	60 mil (1.1 mm)
Low Temperature Flex	ASTM D2136	-30° F (-34° C)
Accelerated Weathering	ASTM D4434	5000 hrs. no cracking, visual discoloration or crazing
Ozone Resistance	ASTM D1149	No effect

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TECHNICAL DATA		
PROPERTY	TEST METHOD	TYPICAL VALUE
Membrane Composite Thickness	ASTM D751	150 mil (3.8 mm)
Hydrostatic Pressure Resistance (min 1 hr @ 100 psi)	ASTM D5385	231 ft (70 m)
Puncture Resistance	ASTM D4833	224 lbs (996 N)
Tensile Strength ASTM D751	ASTM D751	549 lbs (2,442 N)
Bonded Seam Strength	ASTM D751	705 lbs (3,136 N)
Peel Adhesion to Concrete	ASTM D903 (mod)	10 lbs/in (1,751 N/m)
Methane Permeability	ASTM D1434	25 mL (STP)/m ² /day
Oil Resistance	ASTM D543	Passed
Microorganism Resistance	ASTM D4068-88	Passed
Environmental Stress Cracking	ASTM D1693	Passed
Hydrostatic Resistance (Procedure A)	ASTM D751	754 psi (5.2 mPa)
Water Vapor Retarder	ASTM E1745	Class A
Water Vapor Transmission	ASTM E96	0.1 perms (0.036 gr/m/hr)
Tensile Strength	ASTM E154	387 lbf/in (68 kN/m)
Puncture Resistance	ASTM D1709	12.0 lbs (5,500 grams)

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