



Product Technical Data Sheet

GAP WaterGuard Rain & Ice Protection

Self-Adhered SBS Polymer Modified Underlayment

Description: GAP WaterGuard Rain & Ice Protection is a specially designed and manufactured, self-adhering, SBS polymer modified asphalt underlayment for use on steep slopes to prevent moisture intrusion from ice and wind driven rain, as required by many building codes. GAP WaterGuard Rain & Ice Protection serves a dual role as a flashing membrane, helping protect areas susceptible to leaks such as valleys, roof to wall transitions, and around vents and skylights.

Product Specifications: GAP WaterGuard Rain & Ice Protection is manufactured on a woven fiberglass mat with a SBS polymer modified asphalt top coating and surfaced with a sand release agent. The bottom coat is an aggressive asphalt-based adhesive, protected with a factory applied, split-release film that is removed prior to installation.

Physical Properties:

Data (ASTM Specification D1970)

Rolls/Pallet	25	
Weight/Roll	68 lbs (nominal)	
Width	36"	
Length	67'	
Thickness	48 Mils (nominal)	
Coverage	2 Square	
Perm Rating	<0.1 U.S. perms	
Rolls/Pallet	25 Rolls/Pallet	
ASTM Rating	D1970	
Maximum Load MD/CD, min	25 lbf/in	Pass
Elongation @ break, min of modified bitumen portion	10%	Pass
Adhesion to plywood, min at 40 F	2.0 lbf/ ft width	Pass
Adhesion to plywood, min at 75 F	12.0 lbf/ft width	Pass
Flexibility temperature	-20° F	Pass
Tear Resistance MD/CD, min	20 lbf	Pass
Moisture Vapor Permeance	0.1 U.S. perms	Pass
Seal ability around nail	No leaks	Pass
Waterproof integrity after low temp flexibility	No leaks	Pass
Waterproof integrity of lap seam	No leaks	Pass

Note: As manufactured GAP WaterGuard Rain & Ice Protection meets the requirements of ASTM D1970 Table 1, physical requirements of self-adhering polymer modified bituminous sheet materials used as steep roofing underlayment for ice dam protection.

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