



Roofing Underlayment

DESCRIPTION

Aqua Guard™ is a plastic sheeting material composed of reinforced polyethylene/propylene composite sheet designed to offer rapid installation. As a roof underlayment, Aqua Guard provides superior protection for the building interior while offering a stronger and lighter alternative to the traditional felt underlayment. A versatile product, Aqua Guard resists deterioration in extreme temperatures and is highly resistant to wind blow off.

INSTALLATION

It is recommended that Aqua Guard be installed by professional roofing applicators to ensure a quality installation.

Prior to installation, the roof deck must be clean, smooth and dry. Because Aqua Guard is considered a vapor barrier, EcoStar recommends that it be installed above vented attic spaces. For further assistance, contact EcoStar's Technical Department.

Lay Aqua Guard horizontally (parallel to eave) with the printed side up, and with 4" (102 mm) horizontal laps and 6" (152 mm) vertical laps. Attach Aqua Guard to the roof with corrosion-resistant, plastic-capped roofing nails with a minimum plastic cap diameter of 1" (25.4 mm) spaced at 6" (152 mm) on center on vertical and horizontal laps and at 24" (610 mm) on center vertically and horizontally in the field. Fasteners shall be 90° to the roof deck and shall not be under or over driven. For additional protection, lay an additional layer of Aqua Guard vertically up all valleys and hips.

After installation of Aqua Guard, installation of the roof covering can begin immediately. Though Aqua Guard is not designed for indefinite outdoor exposure, it can be left exposed for up to six months before applying the roofing system.

ADVANTAGES

Aqua Guard is ideal for both residential and commercial applications in both new construction and re-roofing jobs. It is a cost-effective material that does not tear easily or degrade from exposure to the elements when used as intended. Aqua Guard provides an ideal installation, being both easy on the back as well as highly slip resistant. Aqua Guard also meets all national building codes.

LIMITATIONS

Aqua Guard is not designed for indefinite outdoor exposure. It can be left exposed for a maximum of 180 days before applying the roofing system.

TYPICAL PROPERTIES

FORMULATION		
Compound	polyethylene/ polypropylene	
PRODUCT CHARACTERISTIC		
Roll Length	feet	250
Roll Width	inches	48
Roll Weight	lbs.	31
Square Feet/Roll	sq./ft.	1000
PHYSICAL PROPERTIES		
Moisture Vapor Transmission	g/m ² /day	<1
Tensile Strength (ASTM D226)	MD lbs/in	110
	CD lbs	100
Tear Resistance	grams	>3200
Operating Range	°F	-20 to +200
PACKAGING		
Boxes (rolls) per pallet		36
Weight per pallet (w/roll)	lbs.	1400

APPLICABLE STANDARDS

ASTM D226, ASTM E96, ASTM D1938,
ASTM D2523 Complies with: 2009 International Building Code
and 2009 International Residential Code

WARRANTIES

EcoStar warrants this product to be free of defects in workmanship and materials at the time of shipment from EcoStar's factory. EcoStar will at its option either supply new product or refund the purchase price of any product found to be defective hereunder.

EcoStar's limited warranties are the only warranties extended by EcoStar with respect to its materials. There are no other warranties, including the implied warranties of merchantability and fitness for a particular purpose. EcoStar specifically disclaims liability for any incidental, consequential, or other damages, including but not limited to, loss of profits or damages to a structure or its contents, arising under any theory of law whatsoever.

The dollar value of EcoStar's liability and buyer's remedy under this limited warranty shall not exceed the purchase price of the EcoStar material in question.



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P/N-602712 Aqua Guard Technical Data Sheet. This data sheet, effective 05/06/13, supersedes all previous versions.

PRODUCT TECHNICAL DATA