

AQUA BLOCK-50

Self-Adhering Underlayment

- Self-adhering and self-sealing
- Tolerates temperatures >250°F
- Easy to install
- Blocks water at eaves, valleys, & roof penetrations
- Use in new or retrofit construction
- Can be left exposed up to 90 days

AquaBlock, an ideal underlayment for metal roofing, shingles, and tile, is a self-adhering SBS-modified membrane that offers added protection against water infiltration due to ice and snow accumulation at penetrations, valleys and edges on sloped roofs. AquaBlock is durable, self-sealing and easy to install. It features a silicone-treated, split-back release film for easy installation and handling. AquaBlock has excellent low-temperature flexibility, and can be installed directly to concrete, plywood, wood composition board and gypsum.



2070 Steel Drive • Tucker, GA 30084
800.646.3826 (p) • 770.908.2264 (f)
www.imetco.com

A special blend of select SBS polymers and distilled asphalt, AquaBlock is reinforced with high-strength fiberglass for added strength and workability. It's non-abrasive, skid-resistant polyester surface offers greater tear resistance than traditional felts, and is excellent for use with tile and metal applications.

Meets or Exceeds Requirements of ASTM D 1970:
Standard Specification for Self-Adhering Polymer Modified Bituminous Sheet Materials Used as Steep Roofing Underlayment for Ice Dam Protection

Thickness, min (D 5147)	50 mils
Maximum Load, min (D 2523)	MD=80 CD=35
Elongation at Break, min (D 2523)	25%
Adhesion to Plywood @ 77 °F min (D 903)	30 lbf/ft
Thermal Stability, max (D 1204)	<0.05
Slip Resistance (D 4521)	pass
Moisture Vapor Permeance; max; (U.S. Perms) (E 96)	pass
Flexibility Temperature, @ -20 °F min (D 1970)	pass
Sealability around nail (D 1970)	pass
Water Proof Integrity after Low Temp. Flex (D 1970)	pass
Waterproof Integrity of lap Seam (D 1970)	pass
Rolls (boxed) per Pallet	20
Roll Weight	60 lbs ± 2lbs
Roll Diameter	8.25 in.
Square feet	200

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Maximum Load, min (D 2523)	MD=80 CD=35
Elongation at Break, min (D 2523)	30%
Adhesion to Plywood @ 77 °F min (D 903)	32.4 lbf/ft
Thermal Stability, max (D 1204)	<0.05
Slip Resistance (D 4521)	pass
Moisture Vapor Permeance; max; (U.S. Perms) (E 96)	pass
Flexibility Temperature, @ -20 °F min (D 1970)	pass
Sealability around nail (D 1970)	pass
Water Proof Integrity after Low Temp. Flex (D 1970)	pass
Waterproof Integrity of lap Seam (D 1970)	pass
Rolls (boxed) per Pallet	20
Roll Weight	65 lbs ± 2lbs
Roll Diameter	8.5 in.
Square feet	200

Surface Preparation

- Prior to installation, the roof deck must be clean and free from any moisture, ice, dust, loose nails, protrusion, voids and other debris.
- When re-roofing, be sure all old roofing components are removed prior to installation of underlayment.

Application

- This product should always be stored, installed and otherwise used in accordance with good roofing practices and all applicable building and safety codes.
- For proper adhesion, apply only when the temperature of the air, deck and material is above 40°F.
- For applications where the air, deck and material temperature is below 40°F, use nails to mechanically fasten until fully adhered.
- Where nailing is needed, apply nails in selvege and cover nails by overlapping with the next sheet.
- For re-roofing applications, first remove all old roofing materials and other loose debris. Never install product directly on old roof covering.
- Always prime non-wood surfaces (including concrete and masonry) prior to installation
- Always install from the lowest to the highest point on the roof deck.
- For valley or ridge applications, cut product to a manageable length, center the product over the valley or ridge and apply pressure first to the middle and work towards the outside edges.
- For most applications, side laps must be a minimum of three inches, end laps a minimum of six inches, and drip edges a 3/8-inch minimum. Good roofing practices may require increased minimums for certain applications.
- When adhering end laps together, SBS trowel grade mastic is recommended to properly seal to the adjoining membrane.

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The logo for IMETCO, featuring the company name in a stylized, italicized font with a red-to-white gradient and a 3D effect.

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The logo for IMETCO, featuring the company name in a stylized, italicized font with a red-to-white gradient and a 3D effect, set against a dark red background.

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