



Greenmaker Industries
697 Oakwood Ave
West Hartford, CT 06110

Phone: 860-761-2830
Fax: 860-761-2831
www.greenmakerindustries.com
www.aquaguardtech.com

PRODUCT DESCRIPTION

AQUAGUARD DW, manufactured by Greenmaker Industries is a woven polypropylene fabric for use as an air barrier, water-resistive barrier and drainage medium in construction environments where optimum barrier performance and moisture management is required. The fabric is white in color and is used as a weather- or water-resistant barrier on the exterior side of the exterior walls of buildings.

ROLL SIZE

60" x 200 ft.

HEALTH & SAFETY

Please refer to the MSDS for First Aid Information.

WARRANTY

10-year Limited

AQUAGUARD DRAINAGE WRAP

PERFORMANCE

CHARACTERISTICS	UNITS	TEST METHOD	RESULTS
Nominal Thickness	Inches	ASTM D 1777	0.01
Basis Weight	Oz/yd ²	TAPPI T-410	2.51
Tensile Strength	Lbs. / in.	ASTM D 882	85 MD / 62 TD
Dry Tensile Strength	Lbs. / in.	ASTM D 5034	97 MD / 60 TD
Water Resistance Hydrostatic Pressure	— — —	AATCC 127	5Hours-No water passage
Air-Barrier Resistance	— — —	ASTM E2178	<0.02 L/SM ² @75 psi
Drainage Efficiency	%	ASTM E2273	>90%
WVTR	g/m ² / 24 Hrs.	ASTM E 96 Proc. A	245
Permeance	75oF, 50 % R.H.	ASTM E 96 Proc. A	35 Perms
Water Resistance	Minutes	ASTM D 779	Pass
Flame Spread Index	— — —	ASTM E84	Class A
UV Exposer	— — —	ASTM G154	Up to 180 days

INSTALLATION INSTRUCTIONS

AQUAGUARD DW is installed after the wall framing is completed and before the windows and doors are installed. AQUAGUARD DW is installed on the exterior wall over an approved exterior sheathing board, and with the printed side installed facing the outside.

AQUAGUARD DW can be fastened with either large head nails with sufficient length to penetrate the stud framing, or wide crown, 1-inch-long (25mm) staples, or 1- inch- diameter (25.4mm) plastic washer head nails.

Fasteners should be spaced every 6-inches at the perimeter of the wall and around the door and window openings and between 12 to 18 inches along vertical framing members. Material higher on the wall should overlap materials lower on the wall. Horizontal overlaps should be at least 6 inches, and vertical flaps at least 6 inches. AQUAGUARD DW should start at an outside corner, ensuring the roll remains vertical, unroll the material across the face of the sheathing making sure the roll remains plumb and that the bottom edges of the AQUAGUARD DW extends over the foundation by 2-inches. The application should start at an outside corner extending around the starting point corner by at least 12-inches.

When installing around window or door openings, use an inverted (upside down) Y cut. Cut wrap flush at top of window or door rough opening, pulling the flaps in at jambs and sill, (or trimming excess material), fastening securely through all layers into framing members with fasteners as described previously.

At head of window relief cut the wrap at each corner at a 45-degree angle. This will allow you to lift up the house wrap head flap and temporarily tape in place while installing the windows, doors and flashing materials.

Ensure that any protrusions in the wall assembly including windows, doors, vents, hose bibs and electrical boxes are flashed and are integrated properly into the wrap. When used over wood-based sheathing in exterior plaster applications, 2-layers of product shall be applied over sheathing in accordance with Section 2510.6 of the IBC or Section 2506.4 of the UBC, as applicable, except for cementitious coatings or exterior insulation and finishing systems, application shall be in accordance with the evaluation report on the exterior coating.