

Hydroshield House Wrap HP®

Hydroshield House Wrap HP® is the only choice for demanding applications to protect from severe weather conditions and environments. Because of its one of a kind construction, Hydroshield House Wrap HP® prevents the infiltration of air and water while still allowing for the escape of water vapor. But the most unique feature is the 360 degree drainage that no other wrap in the world can give. Hydroshield House Wrap HP® can drain in EVERY direction, no matter the final wall cladding, wood, vinyl, metal, brick, stone, cement sidings, stucco or EFIS. The incorporation of ALTA 360° makes Hydroshield House Wrap HP® a one of a kind all weather protection layer for any type of construction with the assurance of quality and lifelong service. Hydroshield House Wrap HP® has you covered in every direction!

PRODUCT SPECIFICATIONS		TEST METHOD
Air Penetration Resistance	0.00082	ASTM E2178 (cfm/ft2@1.57 psf)
	> 2500	Gurley Hill (TAPPI-T460) (sec/100cm)
Water Vapor Transmission	385	ASTM E96 Method A (g/m2/24 hrs)
	55	(perms)
	465	ASTM E96 Method B (g/m2/24 hrs)
	67	(perms)
Water Penetration Resistance	>300	AATCC 127 (cm)
Basis Weight	2.2	TAPPI T-410 (oz/sq yd)
Thickness	8	ASTM D3776 (mils)
Breaking Strength	30	ASTM D882 (lb/in) MD
	30	ASTM D882 (lb/in) CD
Dry Tensile	45	ASTM D5034 (lb/in) MD
	45	ASTM D5034 (lb/in) CD
Tear Resistance (Trapezoid)	13.5	ASTM D1117 (lbs) MD
	12.5	ASTM D1117 (lbs) CD
Drainage Efficiency	>95%	ASTM E2273
	> 95%	ICC-ES AC 235 Section 4.5
Surface Burning Characteristics	5 Class A	ASTM E84 Flame Spread Index
	45 Class A	Smoke Develop Index
Ultra Violet Light Exposure	180 days	



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HYDROSHIELD HOUSE WRAP HP® INSTALLATION

1. Install HydroShield House Wrap HP® over sheathing board, insulation board or directly to framing members.
2. Begin by aligning the bottom edge of the roll with the base of the wall, approximately 6 inches (152 mm) from a corner, folding several inches of the material under itself and fastening securely to a framing member or directly to studs. Be sure that the installation is horizontal on the vertical wall.
3. Unroll the housewrap with the printed side out, wrapping the entire building, including door and window openings. Plastic cap nails or staples with a minimum 1 inch (25 mm) crown may be used to fasten the housewrap. Fasteners shall be spaced a maximum of 16 inches (406 mm) on center along studs and 8 inches (203 mm) on center along top and bottom sill plates. When installing the housewrap over non structural sheathing products, foam insulation boards, fasteners must penetrate the framing members no less than ½ inch (13 mm) and spaced as noted above.
4. Using a modified “I” pattern, cut through the housewrap at window and door openings. Fold excess material inside the rough openings and fasten securely through layers to a framing member.
5. If door frames and windows are already installed, then trim as close to them as possible and tape the housewrap edges using REX™ PREMIUM SEAM TAPE or equivalent to seal housewrap seams around openings. To ensure the 10 Year Limited Warranty, all seams must be taped using only REX™ PREMIUM SEAM TAPE and all windows and doors must be flashed using approved flashing as in writing from AlphaProTech Engineered Products, Inc.
6. At the end of a roll and beginning of the next roll, fold the edge of the housewrap under itself and attach to the structural sheathing or through the non structural sheathing to the nearest framing member. The seams must be overlapped a minimum of 6 inches (152 mm) unless otherwise specified for a particular application.
7. The installation of upper layers of housewrap must overlap the lower layers no less than 2 inches (51 mm).
8. All vertical and horizontal laps shall be taped using a standard grade contractor tape or equivalent to provide maximum results. Final side wall covering should be applied within 6 months of the application of the housewrap.

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