



INVISIWRAP™ UV BLACK HOUSEWRAP

PHYSICAL PROPERTIES DATA SHEET

Properties	Test Standard	InvisiWrap™ UV Performance	AC38 Test Requirements
Breaking Strength	ASTM D5034-95	Machine Direction: 128.9 lbf Cross Direction: 74.9 lbf	Machine Direction ≥ 40lbf Cross Direction ≥ 35 lbf
Water Vapor Resistance	ASTM D779-03	PASS	No transudation at 1/6 th of an hour
Water Vapor Transmission	ASTM E96	Water Vapor Permeance: 91.68 (g/24.m2) Perms- 15	Min Vapor Transmission is 35 (g/24.m2)
Cold Bend Test	AC38 Section 3.3.4	PASS	No cracks when bent around 1/16" mandrel at 32°F
Fire Resistance	ASTM E84	Flame Spread Index = 15 Smoke Developed Index = 200 Class A	Flame Spread Index < 25 Smoke Developed Index < 450
Air Resistance	ASTM E 2178	At 75 Pa calculated flow rate: 0.0008 L/(s.m ²)	At 75 Pa calculated flow rate ≤ 0.02 L/(s.m ²)

Product was tested to EN 13859-1/-2: 2010, EN 1928 and EN 12311-1 which entailed 5000 hours of UV exposure and accelerated aging for 90 days at 80° C (176° F). Results for the accelerated aging and UV exposure were InvisiWrap UV passed resistance to water passage and maintained 65% tensile strength of the pre-aged sample.

PRODUCT INFORMATION:

- High performance composition of black polyester non-woven with a proprietary UV coating
- Designed for use with architectural design that incorporate “open joint claddings”
- Superior tear strength and water holdout properties
- Approved for up to 1” of exposure between siding joints when used with 3/8" minimum rainscreen. 1/4" maximum exposure without rainscreen.
- Vapor Permeability: 14 Perms
- Dimension – 4.92 ft x 100 ft roll
- Substrate weight: 160 gsm
- Warranty: 20 (product) or 25 (system) year limited
- When paired with Batten UV it provides superior bulk water drainage, and exceptional vapor permeability and durability

INSTALLATION CONSIDERATIONS:

- Application: When using as the primary air barrier, seal the bottom of the first course to the foundation or sill plate using approved sealant. Tape all seams with HydroTape DS or HydroFlash UV+ (2.3” or wider). Tape/seal all penetrations and tears. Install with cap fasteners.
- UV rated: 365 days of exposure before cladding installation
- Use with HydroFlash UV+ and Batten UV