



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 coating
- Designed for use with architectural design that incorporate “open joint claddings”
- Superior tear strength and water holdout properties
- Approved for up to 2” of exposure between siding joints
- 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 HydroFlash UV+ (2.3” or wider). Tape/seal all penetrations and tears.
- UV rated: 365 days of exposure before cladding installation
- Use with HydroFlash UV+ and Batten UV