



FLATWRAP®HP

PHYSICAL PROPERTIES DATA SHEET

Properties	Test	Test Standard	FlatWrap®HP Performance	AC 38 Test Requirement
Strength	Dry Breaking Force	ASTM D 5034	Machine 75 lb _f Crosswise 54 lb _f	Machine ≥ 40lb _f Cross Machine ≥ 35lb _f
Water Resistance	Hydrostatic Head	AC38 Section 3.3.2 (4.2.1)	PASS - no penetration of test specimens	Withstand 55cm of water for period of 5 hours
Vapor Permeability	Water Vapor Transmission	ASTM E 96	Permeance (perms) 16 (Method A) Water Vapor Transmission (g/24 . m ²) 249.9	Minimum Permeance (perms) 5 Min. Vapor Transmission 35 (g/24 . m ²)
Pliability	Cold Mandrel Bend	AC38 Section 3.3.4	No cracking	No cracking at 1/16" diameter bend with temperature: 32°F
Air Resistance	Air Permeance	ASTM E 2178	At 75 Pa calculated flow rate: Metric: 0.0062 L/(s.m ²) Standard: 0.0012cft/(min.ft ²)	At 75 Pa calculated flow rate ≤ 0.02 L/(s.m ²)
Fire Resistance	Surface Burning Characteristic	ASTM E 84	Flame Spread Index (FSI) = 5 Smoke Developed Index (SDI) = 190	Flame Spread Index < 100 Smoke Developed Index < 450

Product Information

- Commercial-grade water resistive barrier (housewrap) with enhanced tear resistance
- Provides superior bulk water drainage and exceptional vapor permeability and durability when used in conjunction with a rainscreen wall
- Polypropylene tri-laminate design (printed with logo)
- Meets tear and wind load resistance requirements for jobs over 40 ft.
- Roll Width: 5ft, 9ft
- Roll Length: 100ft
- Roll Weight: 11 lbs (5ft), 19 lbs (9ft)
- Warranty: 10 (product) or 15 (system) year limited

Installation Consideration

- 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 GP (2.3" or wider). Tape/seal all penetrations and tears.

- UV rated: 120 days of exposure before cladding installation
- Use with HydroFlash GP and Slicker Classic or Slicker Max

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