



FLATWRAP® HP

PHYSICAL PROPERTIES DATA SHEET

| PROPERTIES | TEST | TEST STANDARD | FLATWRAP® HP PERFORMANCE | AC38 TEST REQUIREMENT |
|--------------------|--------------------------------|----------------------------|--|--|
| Strength | Dry Breaking Force | ASTM D5034 | Machine 75 lb _f Crosswise 54 lb _f | Machine ≥ 40 lb _f Cross Machine ≥ 35 lb _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 E96 | Permeance (perms) 35.7 (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 E2178 | At 75 Pa calculated flow rate: Metric: 0.0062 L/(s.m ²) Standard: 0.0012 ft/(min.ft ²) | At 75 Pa calculated flow rate ≤ 0.02 L/(s.m ²) |
| Fire Resistance | Surface Burning Characteristic | ASTM E84 | Flame Spread Index (FSI) = 5 Smoke Development Index = 190 | Flame Spread Index < 100 Smoke Development Index < 450 |

Product Information

- Commercial-grade water resistive barrier (housewrap) with enhanced UV and 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: 5 ft
- Roll Length: 100 ft
- Roll Weight: 17 lbs
- Warranty: 5 (product) or 10 (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 (2.5" or wider). Tape/seal all penetrations and tears.
- UV Rated: 180 days of exposure before cladding installation
- Use with HydroFlash GP and Slicker Classic or Slicker MAX