

i build



NOVAWRAP™ ASPIRE

THE BEST CHOICE IN SYNTHETIC BUILDING WRAP

NovaWrap™ Aspire is a 100% synthetic building wrap and an integral part of the 3-part IPG® Total Moisture Control System that ensures superior contractor and owner satisfaction. It contributes to weather-tightness and provides energy efficiency in buildings for the life of the structure. NovaWrap Aspire is a non-woven, nonperforated polypropylene fabric that provides the ideal ratio of water resistance vs. moisture vapor transmission to the outside. Thus, it lets the structure breathe while preventing damage due to water infiltration. NovaWrap Aspire does not absorb or retain water.



FEATURES & BENEFITS

Withstands Exposure to the Elements

- Superior Materials - 100% non-woven polypropylene fabric with breathable coating.
- Advanced Technology - IPG's patented processes provide the best solution for commercial and residential building.
- Superior Performance - Engineered to provide superior performance, exceeds the leading competition in strength, water intrusion and moisture vapor transmission and reduces air infiltration.
- Usage - For 6 story buildings and under, along with commercial and residential buildings with new retro-fit.
- Asphalt Free - 100% recyclable
- Energy Savings - Reduces outside air infiltration; improves energy efficiency.
- Fire Resistant - Class A
- Improved Air Quality - Reduces water intrusion which eliminates mold and mildew.
- Compatibility - Installs over and protects plywood, OSB, gypsum, gypsum composite, rigid foam and other sheathing materials. Installs under brick, stone, stucco, EIFS, cement board, wood, vinyl, metal and composites.
- Code Compliant - Meets or exceeds applicable building codes for sheathing membranes and air barriers.
- UV Stability - 6 months of UV stability, but recommend covering within 60 days



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PRODUCT ATTRIBUTES

Location	Property	Resource Number	
United States	Water-Resistive Barrier	ICC-ES ESR #2235	
Canada	Sheathing Membrane	CCMC Report 13292-R	
Canada	Air Barrier	CCMC Report 13392-R	
Property	Test Method	Results	Industry Standard
Water Vapor Transmission	ASTM E96	77g/m ² /24h (11 perms)	35g/m ² /24h (minimum)
Air Permeance at 75 Pascals	ASTM E2178	0.0014 L/s/m ²	0.02 L/s/m ² (maximum)
Grp Tensile Strength	ASTM D5034	58 lb (MD) 40 lb (CD)	40 lb (MD) 35 lb (CD)
Water Resistance:			
Hydrostatic Head	AATCC 127	581 cm	55cm
Boat Test	ASTM D779	Pass	Pass
Water Ponding	CCMC 07102	Pass	Pass

Contributions toward various LEED points are possible through appropriate use of IPG's air, moisture and vapor barrier solutions for the building's envelope.

LEED Certification

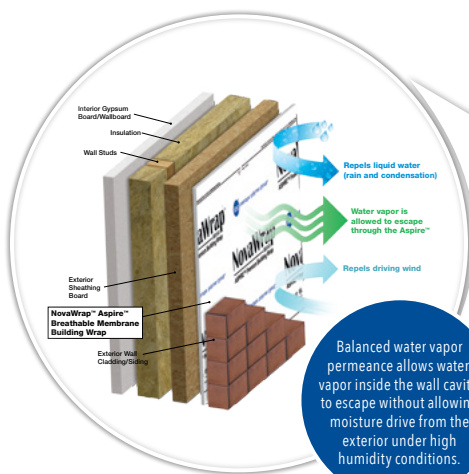
FEATURES & BENEFITS (cont.)

- Installer Friendly
 - Translucent - easy to locate studs and overlaps
 - Quiet - does not flap in the wind
 - Use capped fasteners
 - Fabric stretches and forms to building details
- Cost Reduction
 - Light weight - shipping, staging, installing
 - Tear and puncture resistant
 - Fewer fasteners
 - Less waste and fewer repairs

AIR & MOISTURE



MANAGEMENT SOLUTIONS



Balanced water vapor permeance allows water vapor inside the wall cavity to escape without allowing moisture drive from the exterior under high humidity conditions.



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