HWPRO4100SA

ProWrap-SA

Self-Adhering Weather Resistive Barrier

ProWrap-SA is the revolutionary self-adhering house wrap that transforms building projects into a breeze! No more tools and hoses or time-consuming mechanically attached installations – simply unwrap, apply, and let ProWrap-SA do the rest. The high perm capabilities allow your building to transfer vapor efficiently while keeping it sealed.

VAPOR PERMEABLE

WATER RESISTIVE

AIR BARRIER

Grip-Rite ProWrap®-SA is a self-adhering spunbonded polypropylene weather resistive barrier that is engineered to be vapor permeable, a moisture protection barrier, and an air barrier for use in residential and commercial sidewall construction.



PRODUCT FEATURES

- **Ultimate protection:** ProWrap-SA doubles as a 2-in-1 water resistive and air barrier.
- **Primerless Install:** No primer required and can be installed in 20-degree weather.
- **Built to Endure:** With 180 day exposure time, this house wrap ensures lasting resilience against the toughest weather conditions.
- **Dry and Safe:** >90% drainage efficiency guarantees superior protection against moisture.
- **Breathable:** 46 perms, striking the perfect balance between breathability and durability.
- **Efficiency Beyond the Surface:** A house wrap that not only protects but also contributes to annual energy savings.

View Installation Instructions

Upgrade Your Project with ProWrap– Efficiency Refined, Precision Perfected.

Grip-Rite ProWrap®-SA has been tested to meet the following material standards:

- ICC-ES AC38
- Section 3.3: Physical Properties
- Section 3.5: Adhesion Performance per AAMA 711
- Section 3.6: Air Barrier Material per ASTM E2178
- Section 4.3: Drainage Efficiency per ASTM E2273
- Section 5.3.2, Exception 2: Flame Resistant Product per ASTM E1354 and ASTM E84

Grip-Rite ProWrap®-SA is Certified to following material standards:

- ICC-ES AC38

Grip-Rite ProWrap®-SA carries the following code compliance documentation:

- 2021 IBC/IRC Compliance: NEMO NER-PSBP-002 D4614250J

Properties and Standards

PROPERTY	TEST STANDARD	GRIP-RITE PROWRAP®-SA
Thickness	ASTM D5147	19 mil
Dry breaking force	ASTM D5034	MD: 55 lbf; XMD: 45 lbf
Water resistance	ASTCC TM 127: 55-cm hydrostatic head for 5-hrs.	Control and weathered: No leakage
Water vapor transmission/permeance	ASTM E96, Procedure A (desiccant)	WVT: 411 g/m2 per 24 hrs
		Permeance: 46 perms
Low temperature flexibility	AC38, Section 3.3.4	No cracks at 20˚F
90-degree peel adhesion	AAMA 711, Section 5.3	> 1.5 lbf/in Anodized aluminum, DensGlass® Sheathing, OSB, plywood, vinyl and its own facing
Accelerated UV aging	AAMA 711, Section 5.4: 336-hours, ASTM G154, Cycle 1	No visual damage and maintain adhesion performance over anodized aluminum
Elevated temperature exposure	AAMA 711, Section 5.5: Level 3 (7-days at 176˚F)	No visual damage and maintain adhesion performance over anodized aluminum
Thermal cycling	AAMA 711, Section 5.6: 10 cycles of 8-hrs. at 120˚F and 16-hrs. at -40˚F	No visual damage and maintain adhesion performance over anodized aluminum
Water immersion	AAMA 711, Section 5.8: 7 days immersion at 73˚F	No visual damage and maintain adhesion performance over anodized aluminum
Resistance to peeling from itself	AAMA 711, Section 5.9: Level 1 (7-days at 122˚F)	No visible damage, bond loss, buckling or rippling
Sealability around nail	AAMA 711, Sections 5.2.1 and 5.2.2; ASTM D7349, Protocol 4 per D1970	Control and after thermal cycling: No leakage
Air leakage rate	ASTM E2178	0.02 L/s-m2 at 75 Pa
Drainage efficiency	ASTM E2273 per AC38, Section 4.3	> 90% efficiency
Fire test response	ASTM E1354	Heat release rate: 143 kW/m2
		Total heat released: 5 MJ/m2
		Effective heat of combustion: 18 MJ/kg
Surface burning characteristics	ASTM E84	Flame Spread Index (FSI): 0
		Smoke Developed Index (SDI): 40

Product

SKU	SIZE		COLOR	WEIGHT/ ROLL	PAL/ QTY	PAL/ TRUCK	ROLLS/ TRUCKLOAD
	AREA	DIMENSIONS					
HWPRO4100SA	4sq	4' x 100'	Red	19lbs	36	38	1368

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