



AIR & VAPOR BARRIER

VP Sheet Comparative Properties

Property	Test Method	CCW 705 VP	Henry Blueskin VP 160	Vaproshield Wrapshield SA	Grace Perm-A-Barrier VPS	Cosella-Dorkin Delta Vent SA
Color	Field/ print	WHT/BLK	BLU/WHT	ORN/BLK	GRN/BLK	GRY/BLK
Composition	–	Engineered fabric fully-coated with vapor-permeable, pressure-sensitive adhesive				
Water Vapor Permeance [US Perms]	ASTM E 96	9.05 (A) 10.53 (B)	29 (A) – (B)	– (A) 50 (B)	15 (A) 15 (B)	31 (A) 50 (B)
Tensile Strength [lb _r]	ASTM D 882* ASTM D 5034**	41 (MD)* 29 (CD)*	41 (MD)* 29 (CD)*	44.8 (MD)* 25.1 (CD)*	55 (MD)** 44 (CD)**	71 (MD)** 65.4 (CD)**
Peel Adhesion to Gyp Sheathing [lb _r /in]	ASTM D 903* ASTM D 3330**	5* Primer used	Not published	2.4** No primer used	5* Primer used	Not published
Pull Adhesion [lb _r /in ²]	ASTM D 4541	>16, primed CMU and gyp	Not published	Not published	15, primed gyp 12, primed CMU	Not published
Water Resistance	AATCC 127* AC-38**	Pass* 5 h @ 55 cm	Pass**	Pass* 5 h @ 55 cm	Pass* 5 h @ 55 cm	Pass* 5 h @ 55 cm
Air Permeance [L/s*m ² @ 75 Pa]	ASTM E 2178	≤0.001	<0.02	0.000134	<0.002	<0.02
Max Air Leakage through assembly [L/s*m ² @ 75 Pa]	ASTM E 2357	0.017	<0.2	<0.05	≤0.004	<0.2
Water Leakage through Assembly	ASTM E 331	No leak, 15 min @ 10 PSF	Not published	Not published	Not published	Not published
Surface Burning	ASTM E 84	10 FLM 5 SMK	0 FLM 1-5 SMK	10 FLM 15 SMK	10 FLM 30 SMK	14 FLM 47 SMK
Wall Assembly Burn	NFPA 285	Pass	Pass	Pass	Pass	Not published
Minimum Install Temp	–	20°F	40°F, lower with special proc.	20°F	40°F	40°F
Max Service Temp	–	180°F	180°F	180°F	Not published	176°F
Max UV Exposure	–	180 days	150 days	180 days	150 days	50 days

Source – Manufacturer's published literature