

# RESISTO

## REDZONE STICK VP

VAPOR PERMEABLE - AIR BARRIER



Self-adhesive vapor permeable air barrier/weather barrier membrane. It is used as an intramural membrane and as a transition membrane.

- Easy Installation
- Self-sealing

### PRODUCT PURPOSE

Application	Waterproofing	
Building Part	Walls	
Substrates	Wood	Gypsum
	Concrete	Masonry block

### PRODUCT CHARACTERISTICS

Surface	Trilaminar polypropylene system
Underface	Silicone release film
Installation Method	Self-adhesive
Operating Temperature	-45 °C to 85 °C (-49 °F to 185 °F)
Maximum exposure	180 days

### PACKAGING

Code	Width		Length		Gross Area	
	cm	in	m	ft	m <sup>2</sup>	ft <sup>2</sup>
23795	120	47	30	98	36	383

### PROPERTIES

Properties	STANDARDS	REDZONE STICK VP
Thickness	-	0.6 mm (24 mils)
Tensile strength, MD/XD	ASTM D882	5.86 kN/m / 4.46 kN/m
Breaking strength, MD/XD	ASTM D5034	167 N / 133 N
Tear resistance, MD/XD	CAN/CGSB 51.32-M89	54 N / 56 N
Water vapor permeance	ASTM E96-B ASTM E96-A	13 perm (744 ng/Pa·s·m <sup>2</sup> ) 13 perm (744 ng/Pa·s·m <sup>2</sup> )
Cold bending at -30 °C (-22 °F) Initial Aging as per CGSB 51.32, 25 cycles	CAN/CGSB 51.32-M89	No cracking
Dimensional stability at 85 °C (185 °F), MD/XD	ASTM D1204	0.49 / -0.71%

(All values are nominals)

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### PROPERTIES (CONTINUED)

Properties	STANDARDS	REDZONE STICK VP
Plywood adhesion	ASTM D3330	240 N/m
Lap joint strength	ASTM D1876	205 N/m
Adhesion after elevated temperature exposure AAMA 711-05, level 3, 7 days @ 80 °C (176 °F)	ASTM D3330	724 N/m
Air permeance @ 75 Pa	ASTM E2178	0.0025 L/s•m <sup>2</sup> *
Air leakage resistance @ 75 Pa	ASTM E2357	Pass
Air leakage rate classification	CAN/ULC S742	A1
Nail sealability	ASTM D1970 modified	Pass
Flame spread and Smoke developed	ASTM E84	Class A
Assembly fire resistance (Under polyiso insulation only)	Component of an assembly NFPA 285	Pass

(All values are nominals)

\* Maximum value as per National Building Code is 0.02 L/s•m<sup>2</sup>

Meet all ICC-ES AC-308 standard requirements.

### INSTALLATION

Storage	Rolls should be stored upright. If the products are stored outdoors, cover them with an opaque protective cover after removing the delivery packaging.
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Minimum Application Temperature	-7 °C (19 °F)
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Installation	<ol style="list-style-type: none"> <li>1. Remove the silicone release film and press the membrane, taking care to align.</li> <li>2. Remove gradually the silicone release film, while ensuring that the membrane is completely adhered to prevent air pockets and creases.</li> <li>3. Use a smoothing roller to apply pressure to the entire membrane to ensure adhesion.</li> <li>4. Use a compatible sealant to seal details, inside joints and critical areas.</li> </ol> <p>Note- The longitudinal overlap should be at least 50 mm (2 in) and the transverse overlap must be at least 75 mm (3 in).</p>
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