

RESISTO

REDZONE STICK VP

VAPOR PERMEABLE - AIR BARRIER



Self-adhesive vapor permeable air barrier membrane which stands out for its unmatched adhesion. It is used as an intramural membrane and as a transition membrane.

- Adhesion superior to the competition
- Easy Installation
- Self-sealing

PRODUCT PURPOSE

Application	Waterproofing	
Building Part	Walls	
Substrates	Wood	Gypsum
	Concrete	Masonry block

PRODUCT CHARACTERISTICS

Surface	Trilaminar polyethylene 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		Thickness		Selvege Width	Net Area		Quantity (per pallet)
	cm	in	m	ft	mm	mils		m ²	ft ²	
22136	10	4	30	98	0.6	24		3	32	270
21742	15	6	30	98	0.6	24		4.5	49	180
21743	23	9	30	98	0.6	24		6.9	74	120
21744	30	12	30	98	0.6	24		9	98	90
21562	95	37	30	98	0.6	24	50	28.5	302	25

PROPERTIES

Properties	STANDARDS	REDZONE STICK VP
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 ²) 13 perm (744 ng/Pa·s·m ²)
Cold bending at -30 °C (-22 °F)	Initial Aging as per CGSB 51.32, 25 cycles	CAN/CGSB 51.32-M89
Dimensional stability at 85 °C (185 °F), MD/XD	ASTM D1204	No cracking 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 ² *
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	Classe A

(All values are nominals)

* Maximum value as per National Building Code is 0.02 L/s•m²

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.
Minimum Application Temperature	-7 °C (19 °F)
Complementary products	Use RESISTO H2O PRIMER on applications where an adhesion enhancer is mandatory on the substrate (see product informations on the spec sheet for conditioning).
Installation	<ol style="list-style-type: none"> 1. Remove the silicone release film and press the membrane, taking care to align. 2. Remove gradually the silicone release film, while ensuring that the membrane is completely adhered to prevent air pockets and creases. 3. Use a heavy roller to apply pressure to the entire membrane to ensure adhesion. 4. Use a compatible primer to seal details, inside joints and critical areas. <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>

