



VENTURECLAD™ PLUS 1579

PRODUCT DESCRIPTION

VentureClad™ Plus 1579 is a patented, zero permeability, absolute weather and vapour barrier for insulation cladding and jacketing applications. The 13-ply material is as tough as metal jacketing materials but provides quicker, safer and easier installation without the need for special tools. VentureClad™ Plus is available in both a self-adhesive (1579CW®) version and a non-adhesive (1579NA) version.

VentureClad™ Plus exceeds most building code requirements and can be used for new construction as well as repair on existing structures.



PRODUCT FEATURES

- Flexible, strong, fabric reinforced insulation cladding product combines vapour barrier function with heavy-duty all weather mechanical protection;
- Ultra high performance jacketing product performs well over a wide temperature range - 30°F to +300°F (-34°C to +149°C) service temperature;
- Venture CW® cold weather acrylic adhesive applies easily at temperatures as cold as -10°F (-23°C);
- Zero permeability, absolute vapour barrier;
- High puncture and tear resistance;
- Contains tested and approved mould inhibiting agents;

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- The material installs easily with no off-site fabrication required;
- Ideal for use over all types of insulation materials including fibreglass, mineral wool, calcium silicate, perlite, urethane and polystyrene;
- Exceeds standard exterior building design requirements (UL 723 50/75 Flame Spread/Smoke Rating).

PRODUCT CONFIGURATIONS

- Self-Adhesive versions (1579CW) are available in Natural Aluminium (1579CW®), Natural Aluminium Stucco Embossed (1579CW® - E), and White (1579CW® - W);
- Non-Adhesive versions (1579NA) are available in Natural Aluminium (1579NA) and White (1579NA - W);
- Standard (CW) widths: 23" (584mm), 30" (760mm), 35½" (900mm), and 46" (1170mm);
- Standard (CW) length: 25 yards (23m);
- Standard (NA) width-length: 1220mm x 50m;
- Custom widths and lengths available

PRODUCT SPECIFICATIONS

Specification	Typical Value	Typical Value (Metric)	Test Method
Material Thickness	15.5 mils	393.7 µm	PSTC-133
Adhesive Peel Strength (1579CW®)	100 oz/in	28.4 N/25mm	PSTC-101
Adhesive Shear Strength (1579CW®)	>168 hours	>168 hours	PSTC-107
Tensile Strength	160 lb/in width	720 N/25mm	PSTC-131
Elongation	35%	35%	PSTC-131
Puncture Resistance	80 lb	360 N	ASTM D 1000
Tear Strength	16 lb	71.2 N	ASTM D 624
Burst Strength – Inside/Outside	522 psi	3599 kPa	ASTM D 774
Burst Strength – Outside/Inside	539 psi	3716 kPa	ASTM D 774
Application Temperature Range	-10°F to 248°F	-23°C to 120°C	
Minimum Continuous Use Temperature	-30°F	-34°C	
Maximum Continuous Use Temperature	300°F	149°C	
Flame Spread/Smoke Developed	50/75	50/75	UL 723
Water Vapor Permeability	0.0000 perms	0.0000 perms	ASTM E 96

PRODUCT SPECIFICATION APPROVALS

- UL Classified
- Lloyds of London (1579NA)
- IMO 61
- Esso (ExxonMobil) Site Standard Installation Procedure QCP11

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