



GREATWALL
Testing Summary

Physical or Performance Property	Test Method	Results (Average)
Accelerated Weathering	ASTM G23	2000 hours. No cracking, erosion, blistering, flaking chalking, crazing, or other deleterious effects.
Non-Combustibility	ULC CAN4 S114 M80	2.8% weight loss: non-combustible
Thermal Transmission / Conductivity	ASTM C177	Conductivity 0.23 W/ m·°C
		Resistance 0.11 m ² ·°C/ W
Water Vapour Transmission	ASTM E 96, Desiccant method procedure A	Permeance 624 ng/ Pa·s·m ² (10.9 perms)
Flexural Strength	ASTM C 1018	2.6 MPa providing excellent to cracking from building movement
Compressive Strength	ASTM C 109	12.8 MPa – 28 days
Freeze / Thaw Cycling	ICC-ES Evaluation Report #5047	No deterioration of the samples was evident. No cracks, crazing, or other defects which may affect performance of the coating
Transverse Load Positive and Negative Over Metal and Wood Studs	ASTM E72	Meets ICC requirements. 22 psf positive wood studs. 28 psf negative wood studs. 49 psf metal studs