

SL-18 Testing

SL-18	Test	Description	Performance
	ASTM D 6670-01	Indoor Air Quality	Greenguard Gold Certification
	ASTM D 256	Impact Strength, AMP Doors and Panels, Nominal Value	2.6 foot-pounds per inch of notch
	ASTM D638	Tensile Strength AMP Doors and Panels, Nominal Value	7,500 psi
	ASTM D 790	Flexural Strength, AMP Doors and Panels, Nominal Value	16,900 psi
	ASTM D 570	Water Absorption, AMP Doors and Panels, Nominal Value	0.63 percent after 24 hours.
	ASTM D 2583	Indentation Hardness, AMP Doors and Panels, Nominal Value	38
		Taber Abrasion Test, Abrasion Resistance, Face Sheet, 25 Cycles at 1,000 Gram Weight with CS-17 Wheel	Maximum of 0.022 average weight loss percentage
	ASTM D 1621	Compressive Strength, Foam Core, Nominal Value	79.9 psi
	ASTM D 1621	Compressive Modulus, Foam Core, Nominal Value	370 psi
	ASTM D 1623	Tensile Adhesion, Foam Core, Nominal Value	45.3 psi
	ASTM D 2126	Thermal and Humid Aging, 158 degrees F and 100 Percent Humidity for 14 Days	Minus 5.14 percent volume change