

## Technical Specifications

The following technical data tests and results for the Powerflor USA, Inc. Cable Management System. The individual component test results are available upon request.

### Chase way Floor Component - 50 cm x 50 cm Panel / Load Tests

TEST	SPECIFICATION	VALUE
Concentrated Load	CISCA – Section I 1" <sup>2</sup> Indenter / Weakest Point	1534 lb. Force / Fail Load
Ultimate Load	CISCA – Section II 1" <sup>2</sup> Indenter / Weakest Point	1651 lb. Force / Fail Load
Rolling Load	CISCA – Section III 800 lbs. / Wheel A	10 Pass / No damage or permanent deformation
Uniform Load	ASTM E 2322 AC 151 Performance Requirement	No damage allowable at 1600 PSF uniformly distributed load. Pass (5x the load required by the law )
Maximum Uniform Load	0.1 in/min constant rate of loading applied over entire panel area through a 1 1/4" thick, 9 3/4" x 9 3/4" in steel loading platen	➤ 50,000 PSF Failure Load

### Chaseway Floor Components / Flammability

MATERIALS	SPECIFICATION	Miami Dade County Checklist # 0445		
		Test Results	Performance Requirement	Result
Polycarbonate Floor Pedestal	ASTM D 635 Rate of Burn	Class: CC1	Class C1 or C2	Pass
Polycarbonate Floor Pedestal	ASTM D 1929 Self-Ignition Temperature	1076 <sup>o</sup> F	>650 <sup>o</sup> F	Pass
Polycarbonate Floor Pedestal	ASTM D 1929 Flash Ignition Temperature	734 <sup>o</sup> F	N / A	
Polycarbonate Floor Pedestal	ASTM D 2843 Smoke Density	Rating: 38.4	<75	Pass
Foam Underlayment	MVSS-302	SE		
	FAR 25.853b	Pass (> 1/2" thick)		

### Electrical System Components

COMPONENT	SPECIFICATION	VALUE
Atkore International- American Cable / Electrical Components	UL – 183 & 1286	Listed File: 90338 / Code QQVX
	NEC: Article 604 Manufactured Wiring System	Approved