FIREWORKS

Summit International Flooring
Sustainable Luxury

Testing Results

DESCRIPTION	TEST METHOD	UP TO 50% COLOR	OVER 50% COLOR
Accelerated Floor Trafficking		None	None
Static Propensity	AATCC 134	Maximum Average Voltage = POS 1.6 KV	
Sound Absorption / Noise Reduction Coefficient	ASTM C423		SAA - 0.06 NRC - 0.05
Abrasion Resistance	ASTM C501	Weight Loss 0.71 grams (0.8%)	Weight Loss 2.85 grams (4.0%)
Compression Set	ASTM D395B	96.3% Recovered; 3.7% Unrecovered	94.7% Recovered; 5.3% unrecovered
Breaking Load / Elongation / Tensile	ASTM D412	Breaking Load: 114.9 lbs Elongation: 120.6% Tenancity: 290.2 Lbs/Square Inch	Breaking Load: 73.7 lbs Elongation: 117.6% Tenancity: 186.1 Lbs/Square Inch
Static Coefficient	ASTM D2047	Dry 1.04; Wet 1.05	Dry 0.85; Wet 1.01
Hardness Shore A Durometer	ASTM D2240	65	62
Density	ASTM D3676	66.0 Lbs/Cubic Foot	78.3 Lbs/Cubic Foot
Impact Sound Transmission	ASTM E492	4mm IIC 56	8mm IIC 59
Critical Radiant Flux	ASTM E648	CRF 0.35 watts/square cm (6mm Medium Color)	CRF 0.25 watts/square cm (6mm 80% EPDM) CRF 0.49 watts/square cm (6mm High Color)
Critical Radiant Flux - With Fire Retardant	ASTM E648	CRF 0.37 watts/square cm (6mm - 80% Fire Retardant/20% SBR) CRF 0.51 watts/square cm (8mm - 80% Fire Retardant/20% SBR) CRF 0.35 watts/square cm (10mm - 80% Fire Retardant/20% SBR)	CRF 0.20 watts/square cm (8mm - 40% Fire Retardant/60% SBR) CRF 0.37 watts/square cm (10mm - 40% Fire Retardant/60% SBR)
Critical Radiant Flux (15 min burn) - With Fire Retardant	ASTM E648 (NY)	CRF 0.84 watts/square cm (4mm Black with 30% EPDM with Fire Retardant)	
Smoke Density	ASTM E662	Flaming 748; Non-Flaming 618	Flaming 462; Non-Flaming 396
Flexibility	ASTM F137		Passes 6 mm Mandrel
Electrical Resistance - Surface to Ground	ASTM F150	4.6x1010 Ohms	1.9x1011 Ohms
Electrical Resistance - Surface to Surface	ASTM F150	1.5x1011 Ohms	3.9x1011 Ohms
Resistance to Chemicals	ASTM F925	No Change to all with the exception of Slight Change to Kerosene	No Change
Static Load (24 Hr period)	ASTM F970	0.004 Inch Residual Compression @ 250 lbs	0.030 Inch Residual Compression @ 1,000 lbs
Short Term and Residual Indentation (@ 140 lbs)	ASTM F1914	0.025 Inch (6.0%) Immediate Indentation 0.007 Inch (1.7%) Residual Indentation	-0.030 Inch (9.0%) Residual Indentation
Mildew Resistance	ASTM G21	Light Mold Growth after 28 days	No Mildew after 28 days
Burning Pill Test	CPSC FF 1-70	Passes	Passes
Static Decay NFPA 99	FTM 101B/NFPA 99 Method 4046	Decay Time -5000 Volt Charge 0.25 seconds	

Please Note: All measurements are subject to nominal variation.

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10 year Limited Warranty

when installed in accordance with Summit International Flooring's Installation Guidelines.

U.S. GREEN BUILDING COUNCIL MEMBER

floor score
CERTIFIED BY SCS Global Services

Date Issued: August 2025