

Performance Properties



SMART STEP STAIR TREAD & NOSINGS

Construction & Materials: VPI Type TP, Class 2, Groups 1 and 2, Grade 1 Rubber Stair Treads for interior use are manufactured from 100% synthetic rubber and other high quality materials & colorants.

ASTM F2169 Standard Specification for Resilient Stair Treads – Meets All Requirements

Attribute	Test Method	Value
Gauge	Micrometer	0.125"
Sizes	Steel Rule	48" or 72"
Depth	Digital Caliper	20"
Nosing Depth	Digital Caliper	2.0"
Nosing Radius	Optical Comparator	0.250" – ADA compliant
Shore A Hardness	ASTM D2240	95 Shore A
Heat Stability	ASTM F1514	$\Delta E^* = 4.8$
Light Stability	ASTM F1515	$\Delta E^* = 4.2$
Flammability resistance	ASTM E648	0.83/Class 1
Smoke generation	ASTM E662	328 (Flaming) 137 (Non-Flaming)
Static Coefficient of Friction	ASTM D2047	SCOF ≥ 0.64 (Leather)
Chemical Resistance	ASTM F925	Very Good – No More Than Slight Changes
Indoor Air Quality	SCS-EC10.3-2014 v4.0	FloorScore certified; TVOC $\leq 0.5 \text{ mg/m}^3$
High visibility contrasting strip	CA code 11B-504.4.1	compliant (Hi-Vis and Grit noses only)
Emergency Egress marking	IBC 2009, 2012 1024.2.1	compliant (photoluminescent nose only)
Emergency Egress marking	NPFA 101 7.2.2.5.5.1	compliant (photoluminescent nose only)
Emergency Egress marking	NYC LL26 RS 6.1 2.2.2	compliant (photoluminescent nose only)

ECO STEP TREAD TECHNICAL SPECIFICATIONS

Construction & Materials: VPI Type TV, Class 2, Grade 1 Vinyl Stair Treads for interior use are manufactured from 100% vinyl and other high quality materials & colorants.

ASTM F2169 Standard Specification for Resilient Stair Treads – Meets All Requirements

Attribute	Test Method	Value
Gauge	Micrometer	0.125"
Sizes	Steel Rule	48" or 72"
Depth	Digital Caliper	12.50"
Nosing Depth	Digital Caliper	2.0"
Nosing Radius	Optical Comparator	0.250" – ADA compliant
Shore A Hardness	ASTM D2240	95 Shore A
Heat Stability	ASTM F1514	$\Delta E^* = 5.0$
Light Stability	ASTM F1515	$\Delta E^* = 4.3$
Flammability resistance	ASTM E648	0.83/Class 1
Smoke generation	ASTM E662	328 (Flaming) 137 (Non-Flaming)
Static Coefficient of Friction	ASTM D2047	SCOF ≥ 0.58 (Leather)
Chemical Resistance	ASTM F925	Very Good – No More Than Slight Changes
Indoor Air Quality	SCS-EC10.3-2014 v4.0	FloorScore certified; TVOC $\leq 0.5 \text{ mg/m}^3$