



PHYSICAL PROPERTIES & PACKAGING (FLOATING MULTILAYER MODULAR FLOORING)

Construction	8.0mm Gauge / 22mil Wear Layer – XXL Plank
Extruded Vinyl Core	5.0mm (0.197") Rigid Core
Top Layer	2.0mm (0.079") Luxury Vinyl Tile (LVT)
Pre-Attached Underlayment	1.0mm (0.039") HDPE with Ultra-Fresh
Use	Light Commercial & Residential
Size	8.7" x 72" (220mm x 1828.8mm)
Wear Layer	22mil (0.55mm)
Edge Detail	Square Edge
Finish	Urethane with Enhanced Ceramic Bead (ECB) & Ultra-Fresh
Embossing(s)	In-Register
Gauge	8.0mm (0.315")
Pieces/Carton	6
Coverage/Piece	4 1/3 Sq.Ft. (0.4023 Sq.M.)
Coverage/Carton	26.00 Sq.Ft. (2.414 Sq.M.)
Limited Warranty	10-Year Light Commercial / Lifetime Residential

NORTH AMERICAN STANDARDS – SAFETY & PERFORMANCE

Standard	Description	Requirements	Results
ASTM E648	Radiant Panel (Critical Radiant Flux)	Class I: $\geq 0.45 \text{ W/cm}^2$	Passes Requirements
ASTM E662	Smoke Density	Flaming & Non-Flaming ≤ 450	Passes Requirements
ASTM D2047	Coefficient of Friction (Slip Resistance)	N/A	≥ 0.6 (Dry)
ASTM F970	Static Load	$\pm 0.005"$, 250-Lbs. Load	Passes Requirements
SIM Test	Static Load Limit	Test to Limit	≥ 500 lbs.
ASTM F2199	Dimensional Stability	$\leq 0.020"$ /Linear Foot	Surpasses Requirements
ASTM F925	Chemical Resistance	No more than "Slight Change"	Surpasses Requirements
ASTM F1514	Resistance to Heat	Average & Max $\Delta E < 8.0$	Surpasses Requirements
ASTM F1515	Resistance to Light	Average & Max $\Delta E < 8.0$	Surpasses Requirements
ASTM G21 ¹	Antifungal Activity	N/A	Top: 0-1; Bottom: 0-1
ASTM F963	Heavy Metals	Refer to Standard	Passes Requirements
ASTM D7823	Phthalates	Refer to Standard	Meets CPSIA Guidelines
ASTM F410	Wear Layer Thickness	Commercial: ≥ 20 mil (0.5mm)	Passes Requirements
ASTM D4060	Abrasion Resistance	N/A	Average: $\geq 20,000$ cycles

NALFA/ANSI STANDARDS (LF-01-2011) – PERFORMANCE

Standard	Description	Class 1 (Residential)	Class 2 (Light Commercial)	Class 3 (Commercial)	Class 4 (Heavy Commercial)	Meets Requirements
Section 3.2	Thickness Swell	$\leq 18\%$	$\leq 16\%$	$\leq 16\%$	$\leq 12\%$	Classes 1-4
Section 3.5 ²	Large Ball IR	$> 800\text{mm}/31.5"$	$> 1,000\text{mm}/39.4"$	$> 1,200\text{mm}/47.3"$	$> 1,400\text{mm}/55.1"$	Classes 1-4
Section 3.6 ²	Small Ball IR	$> 200\text{mm}/7.9"$	$> 200\text{mm}/7.9"$	$> 350\text{mm}/13.8"$	$> 500\text{mm}/19.7"$	Classes 1-4
Section 3.10	Surface Bonding	1 N/mm ²	1.25 N/mm ²	1.25 N/mm ²	1.5 N/mm ²	Classes 1-4



NORTH AMERICAN STANDARDS – SOUND (Tested Over 6” Concrete Slab with Drop-Ceiling Assembly)

Standard	Description	Requirements	Results
ASTM E90 & ASTM E413	Airborne Sound Transmission Loss	Sound Transmission Class (STC) \geq 50	STC 62 (Surpasses Requirements)
ASTM E492 & ASTM E989	Impact Sound Transmission	Impact Insulation Class (IIC) \geq 50	IIC 70 (Surpasses Requirements)

NORTH AMERICAN CERTIFICATIONS

Standard(s)	Description
FloorScore® CHPS 01350	This product is FloorScore® Certified (SCS-FS-02874) and has thus been found to comply with the volatile organic compound emissions criteria of the California Section 01350 standard.

Footnotes

- 1) **ASTM G21:** Top Surface (LVT) and Bottom Surface (Underlayment) scored 0-1 (No Growth to Traces of Growth; 0 - <10% Growth)
- 2) **NALFA Sections 3.5 & 3.6:** Tests for Impact Resistance (IR)

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