MOWO Premium Designer Flooring (Specification Data)

SKIMOVE COLLECTION

Construction Extruded Core with Pre-Attached Underlayment:	Rigid Core 4mm Thick + 1mm IXPE Pad
Use:	Commercial
Size:	7.17" Width X 60" Length (182mm X 1524mm)
Installation Method:	Click Lock
Certification:	FloorScore Certified by SCS Global Services
Wear Layer:	20mil (0.5mm)
Edge Detail:	Painted Micro-Bevel
Emboss:	Natural Wood Texture
Gauge:	4mm Rigid Core + 1mm IXPE Attached Pad = 5mm Total Thickness
Planks/Case:	8
Coverage/Each Plank:	2.98 Sq. Ft. (0.277 Sq. Meters)
Coverage/Case:	23.88 Sq. Ft. (2.218 Sq. Meters)
Coverage/Pallet:	65 Cases/Pallet (1552.2 Sq. Ft. / 144.2 Sq. Meters)
Limited Warranty:	20-Year Limited Commercial

STANDARDS – SAFETY & PERFORMANCE

Standard	Description	Requirements	Results
ASTM E648	Critical Radiant Flux (Radiant Panel)	Class I: ≥ 0.45 W/cm^2	Surpasses Requirements[1]
ASTM E662	Smoke Density	Flaming & Non-Flaming ≤ 450	Surpasses Requirements[2]

CDPH/EHLB, Standard Method v1.2	VOCs/TVOCs, Formaldehyde	Refer to Standard	Surpasses Requirements
ASTM F963	Heavy Metals	Refer to Standard	Surpasses Requirements
ASTM D7823 / CPSC-CH-C1001-09.3	Phthalates	Refer to CPSIA[3]	Surpasses Requirements
ASTM D2047	Coefficient of Friction / Slip Resistance	N/A (No Official Requirements)	≥0.6 (Dry)

STANDARDS – SOUND

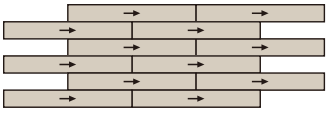
Standard	Description	Requirements		Results
ASTM E90 & ASTM E413	Airborne Sound Transmission Loss of Building Partitions and Elements (STC / Sound Transmission Class)	6" Concrete Slab	STC ≥ 50	STC 56 (Surpasses Requirements)
		6" Concrete Slab + Drop-Ceiling	STC ≥ 50	STC 59 (Surpasses Requirements)
ASTM E492 & ASTM E989	Impact Sound Transmission Through Floor-Ceiling Assemblies (IIC / Impact Insulation Class)	6" Concrete Slab	IIC ≥ 50	IIC 57 (Surpasses Requirements)

STANDARDS – MANUFACTURING & USAGE (ASTM F3261)

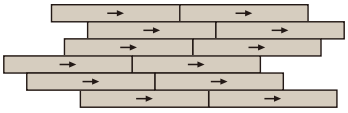
Standard	Description	Requirements	Results
ISO 24337	Size	Tolerance - Board Width ±0.008" (±0.20mm) Tolerance - Board Length ±0.020" (±0.5mm)	Surpasses Requirements
ASTM F2421	Squareness	≤0.010" (0.25mm)	Surpasses Requirements
ASTM F387	Thickness	With Foam Back Layer Tolerance: ±0.008" (0.2mm) vs. Specified Minimum: 0.080" (2.0mm)	Surpasses Requirements
ISO 24337	Flatness	Max. Values - Board Width Fw ±0.008" (0.2mm) Fl concave ≤ 0.15%; Fl convex ≤ 0.20%	Surpasses Requirements
ISO 24337	Openings	Average (OAvg) ≤ 0.004" (0.1mm) Maximum (OM) ≤ 0.008" (0.2mm)	Surpasses Requirements

ISO 24337	Ledging	Average (HAvg) ≤ 0.004" (0.1mm) Maximum (HM) ≤ 0.006" (0.15mm)	Surpasses Requirements
ASTM F1914	Residual Indentation	Average: ≤0.007" (0.18mm)	Surpasses Requirements
ASTM F1914	Surface Integrity	No puncture through wear layer / décor into rigid core	Surpasses Requirements
ISO 23999	Dimensional Stability	≤0.25% / lineal ft. (305 mm)	Surpasses Requirements
ISO 23999	Curling	≤0.080" (2.0mm)	Surpasses Requirements
ASTM F925	Chemical Resistance	No more than "Slight Change"	Surpasses Requirements
ASTM F1514	Resistance to Heat	Average ΔE < 8.0	Surpasses Requirements
ASTM F1515	Resistance to Light	Average ΔE < 8.0	Surpasses Requirements
ASTM F970	Static Load	No Official Requirements (Wear Layer < 20mil)	≤0.005" (0.13mm), 250psi

Recommend Installation Options:



Ashlar



Stagger