

MOWO Premium Designer Flooring (Specification Data)

MOONDRIFT COLLECTION

Type of Construction:	Commercial Grade Loose Lay Luxury Vinyl Tile
Use:	Commercial
Size:	16" Width X 32" Length (406mm X 812mm)
Installation Method:	Glue Down
Certification:	FloorScore Certified by SCS Global Services
Wear Layer:	20mil (0.5mm)
Edge Detail:	Beveled Edge
Emboss:	Stone Concrete Texture
Gauge:	5mm Total Thickness
Planks/Case:	6
Coverage/Each Tile:	3.55 Sq. Ft. (0.33 Sq. Meters)
Coverage/Case:	21.29 Sq. Ft. (1.98 Sq. Meters)
Coverage/Pallet:	48 Cases/Pallet (1021.98 Sq. Ft. / 94.95 Sq. Meters)
Warranty:	20-Year Limited Commercial

STANDARDS – SAFETY & PERFORMANCE

Standard	Feature	Performance
		16 in*32 in*0.5mm
ASTM E648	Critical Radiant Flux	Passes - >0.45 watts/cm ² , Class 1

ASTM D2047	Coefficient of Friction, Slip Resistance	Meets SCOF for ADA walking surfaces
CDPH/EHLB, Standard Method v1.2	VOCs/TVOCs, Formaldehyde	Refer to Standard

STANDARDS – SOUND

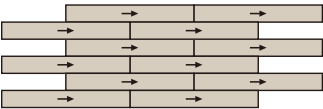
Standard	Description	Requirements		Results
ASTM E90 & ASTM E413	Airborne Sound Transmission Loss of Building Partitions and Elements (STC / Sound Transmission Class)	6" Concrete Slab + Drop-Ceiling	STC ≥ 50	STC 62 (Surpasses Requirements)
ASTM E492 & ASTM E989	Impact Sound Transmission Through Floor-Ceiling Assemblies (IIC / Impact Insulation Class)	6" Concrete Slab + Drop-Ceiling	IIC ≥ 50	IIC 54 (Surpasses Requirements)

STANDARDS – MANUFACTURING & USAGE

Standard	Feature	Performance
		16 in*32 in*0.5mm
ASTM F970	Static Load	Passes - 1000 psi
ASTM F2199	Dimensional Stability	Passes
ASTM F1914	Residual Indentation	Passes
ASTM F1514	Resistance to Heat	Passes - less than 8.0 Delta E.
ASTM F1515	Resistance to Light	Passes - less than 8.0 Delta E.
ASTM F925	Resistance to Chemicals	Passes - no change

ASTM F410	Wear Layer	Passes
ASTM D4060	Abrasion Resistance	Passes
ASTM D7027	Hoffman Scratch	Passes
EN 16094	Micro-Scratch Resistance (A & B)	Passes

Recommend Installation Options:



Ashlar (1/2 and 1/3 offset)