

Specifications

Product Line	Metropolitan Collection XL
Product Type	Stone Polymer Composite
Core Material	Rigid Polymeric Core
Wear Layer	20mil
Overall Thickness	6.0mm
Nominal Plank Size	9" x 60"
Actual Plank Size	230 mm x 1524 mm
Edge Profile	Painted Bevel
Embossing	Natural Wood Texture
Finish	UltraShield Coating
Installation Type	Floating Uniclic
Attached Pad	1.0mm IXPE Sound Reducing

Shipping

CARTON

Planks	6
Square Feet	22.64
Weight (lbs)	49
Square Meters	2.103
Weight (kg)	22.3

PALLET

Cartons	56
Square Feet	1,267.84
Weight (lbs)	2,799
Square Meters	117.79
Weight (kg)	1,272

CONTAINER

Cartons	1,176
Square Feet	26,624.64
Weight (lbs)	58,779
Square Meters	2,473.59
Weight (kg)	26,718

Warranty



Performance Testing

Slip Resistance	DIN 51130:2014 EN13893	R9 Class DS
Scratch Resistance	ISO 1518:2019 (Stylus C)	Not Damaged With Weights ≥20 N
Static Load	ASTM F970 / ASTM F387	Commercial: ≤0.13 mm
Castor Chair	EN 426	≥10,000 Cycles
Dimensional Stability (80°C -6h)	ISO 23999/ ASTM F2199	≤0.1%
Curl (80° -6h)	ISO 23999/ ASTM F2199	± 2 mm
Light Resistance	ASTM F1515	Δ E ≤ 8
Heat Resistance	ASTM F1514	Δ E ≤ 8
Fire Resistance and Smoke Emission	EN ISO 9239-1	Class Bfl s1
Chemical Resistance	ASTM F925	PASS
Phthalate Content	CPSC-CH-C1001-09.3	Not Detected
Heavy Metals	ASTM F963	PASS
VOC Emission	BS ISO 16000 / ASTM D5116	Certified FloorScore & GreenGuard Gold
Vinyl Chloride Monomer (VCM) Content	ASTM D4443-95(2002)	Not Detected
Suitable For Underfloor Heating	-	YES 27°C Max

Sound Testing

Sound testing was conducted over a 150mm thick concrete floor with a drop ceiling below forming the vertical separation between two rooms. Drop ceiling consisted of 350mm deep light steel bar joists spaced 1200mm on centre. Two layers of 12mm thick gypsum boards were fixed on the bar. 50mm thick glass wool batts were placed in the 350mm space. The 7mm SPC flooring (including 1mm IXPE underlayment) were placed on the concrete floor.

Impact Sound Insulation Class (IIC)	ASTM E492-09(2016)	63
Sound Transmission Class (STC)	ASTM E413-22	63