

ORIGINS COLLECTION

SPECIFICATION SHEET

Struded Vinyl Core	PRODUCT INFORMATION								
	Construction								
	Extruded Vinyl Core		3.5mm Stone Plastic Composite						
Residential & Commercial	Top Layer		0.3mm(12mil) Wear Layer						
1	Pre-Attached Underlayment		1. Omm IXPE Premium						
	Use		Residential & Commercial						
Aluminum Oxide Sause	Size		7" X 48" Plank						
A. Smm (0.18")	Wear Layer		12mil(0.3mm) Medium Grain Embossing / With DET (Defined Edge Technology)						
Packaging	Finish		Aluminum Oxide						
20verage/Piece 2.34 Sq. Ft	Gauge		4.8mm (0.18")						
Coverage/Piece 2.3 4 Sq. Ft Coverage/Carton 25.70 Sq. Ft Coverage/Carton 25.70 Sq. Ft Coverage/Carton 25.70 Sq. Ft Coverage/Container 16 Pallets (23, 237.9 Sq. Ft) Coverage/Coverage/Coverage/Coverage/Coverage/Coverage/Coverage/Coverage/Coverage/Coverage/Coverage/Coverage/Coverage/Coverage/Coverage/Coverage/Coverage/Coverage/Coverage/Coverage/Coverage/Coverage/Coverage/Coverage/Coverage/Coverage/Coverage/Coverage/Coverage/Coverage/Coverage/Coverage/Coverage/Coverage/Coverage/Coverage/Coverage/Coverage/Coverage/Coverage/Coverage/Coverage/Coverage/Coverage/Coverage/Coverage/Coverage/Coverage/Coverage/Coverage/Coverage/Coverage/Coverage/Coverage/Coverage/Coverage/Coverage/Coverage/Coverage/Cov	Packaging								
25.70 Sq. Ft 25.	Picecs/Carton								
Coverage/Pallet	Coverage/Piece		2. 34 Sq. Ft						
Sarranty	Coverage/Carton								
NORTH AMERICAN STANDARDS - SAFETY & PERFORMANCE	Coverage/Pallet		65 Cartons (1366.94 Sq. Ft)						
NORTH AMERICAN STANDARDS - SAFETY & PERFORMANCE	Coverage/Containe	er							
NORTH AMERICAN STANDARDS - SAFETY & PERFORMANCE	Warranty								
Standard	Limited Warranty		25-Year Residential	& 10-Year Light Comm	ercial				
Standard			NORTH AMER	ICAN STANDARDS - :	SAFFTY & PFRFOR	MANCE			
ASTM E648 Radiant Panel (Crtical Radiant Flux) Class 1:≥0.45 W/cm² Passes Requirement				IOIN DIINDINDO (MINOL	Regults		
Same Same Same Same Density Flaming & Non-Flaming ≤ 450 Passes Requirement	ASTM E648		•	cal Radiant Flux)	-				
ASTM D2047 Coefficient of Friction (Slip Resistance, N/A >0.6 (Dry)					· · · · · · · · · · · · · · · · · · ·		-		
ASTM 621¹ Antifungal Activity N/A Top:0-1:Bottom:0 ASTM F963 Heavy Metals Refer to Standard Passes Requirement ASTM F970 Static Load Limit ±0.005″, 250-Lbs. Load ≥5001b Surpasses Requirement ASTM F925 Chemical Resistance No more than "Slight Change" Surpasses Requirement ASTM F1514 Resistance to Heat Average & Max ΔΕ<8.0 Surpasses Requirement ASTM F1515 Resistance to Light Average & Max ΔΕ<8.0 Surpasses Requirement ASTM F410 Wear Layer Thickness Commercial: ≥20mil (0.5mm) Passes Requirement ASTM D4060² Abrasion Resistance N/A Average: 12,000 cycles NORTH AMERICAN STANDARDS − SOUND Standard Description Requirements ASTM E492 & ASTM E413 Airborne Sound Transmission Loss Sound Transmission Class(STC) N/A ASTM E492 & ASTM E989 Impact Sound Transmission Impact Insulation Clas (IIC) ≥5 IIC 58 Surpasses Requirement NALFA/ANSI STANDARDS (LF-01-2011) − PERFORMANCE Class 1 Class 2 Class 3 (Commercial) (Residential) (Lt. Commercial) Section 3.2 Thickness Swell ≤18% ≤16% ≤16% ≤16% ≤12% Classes 3 Section 3.5 Large Ball Impact Resistance > 800mm/31.5″ > 1000mm/39.4″ > 1200mm/47.3 > 1400mm/55.1″ Classes 3 Section 3.6 Small Ball Impact Resistance > 200mm/7.9″ > 200mm/7.9″ > 350mm/13.8″ > 500mm/19.7″ Classes 3 Section 3.10 Surface Bonding In/mm² 1.25N/mm² 1.25N/mm² 1.5N/mm² Classes 3			*						
Reavy Metals Refer to Standard Passes Requirement									
ASTM F970 Static Load Limit ±0.005", 250-Lbs. Load ≥5001b Surpasses Requirement ASTM F925 Chemical Resistance No more than "Slight Change" Surpasses Requirement ASTM F1514 Resistance to Heat Average & Max ΔΕ(8.0 Surpasses Requirement ASTM F1515 Resistance to Light Average & Max ΔΕ(8.0 Surpasses Requirement ASTM F410 Wear Layer Thickness Commercial:≥20mil (0.5mm) Passes Requirement ASTM D4060² Abrasion Resistance N/A Average:12,000 cycles **NORTH AMERICAN STANDARDS - SOUND** **NORTH AMERICAN STANDARDS - SOUND** **NORTH AMERICAN STANDARDS - SOUND** **NORTH AMERICAN STANDARDS Impact Insulation Class (STC) ≥ N/A **NALFA/ANSI STANDARDS (LF-01-2011) - PERFORMANCE* **NALFA/ANSI STANDARDS (LF-01-2011) - PERFORMANCE* **Standard** **Description** **NALFA/ANSI STANDARDS (LF-01-2011) - PERFORMANCE* **Class 1			· ·		,				
ASTM F925 Chemical Resistance No more than "Slight Change" Surpasses Requirement ASTM F1514 Resistance to Heat Average & Max ΔΕ<8.0 Surpasses Requirement ASTM F1515 Resistance to Light Average & Max ΔΕ<8.0 Surpasses Requirement ASTM F410 Wear Layer Thickness Commercial: ≥20mil (0.5mm) Passes Requirement ASTM D4060² Abrasion Resistance N/A Average: 12,000 cycles NORTH AMERICAN STANDARDS - SOUND									
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NORTH AMERICAN STANDARDS - SOUND Passes Requirement									
North American Standard North North American Standard North Ame	ASTM F410						+		
Requirements	ASTM D4060 ²		·				· · · · · · · · · · · · · · · · · · ·		
Requirements					DD 6 601DD				
ASTM E90 & ASTM E413								D 1.	
NALFA/ANSI STANDARDS (LF-01-2011) - PERFORMANCE Class 3			•		•				
NALFA/ANSI STANDARDS (LF-01-2011) - PERFORMANCE Standard Description Class 1 (Residential) Class 2 (Lt. Commercial) Class 3 (Commercial) Class 4 (Heavy Commercial) Meets or Exceeds Section 3.2 Thickness Swell ≤18% ≤16% ≤16% ≤12% Classes 4 Section 3.5 Large Ball Impact Resistance > 800mm/31.5" > 1000mm/39.4" > 1200mm/47.3 > 1400mm/55.1" Classes 3 Section 3.6 Small Ball Impact Resistance > 200mm/7.9" > 200mm/7.9" > 350mm/13.8" > 500mm/19.7" Classes 3 Section 3.10 Surface Bonding 1N/mm² 1. 25N/mm² 1. 5N/mm² 1. 5N/mm² Classes 3 NORTH AMERICAN STANDARDS -SUSTAINABILITY									
Class 1	ASIM E492 & ASIM E989 Impact Sound Transmission Impact Insulation Clas (IIC) ≥5 IIC 58 Surpasses Requ							Requirement	
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Commercial Commercial Commercial Commercial Commercial Exceeds	Standard	Description		Class 1	Class 2	Class 3			
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	Beetlen 5.10	DOITEGO DONG	0	117/ 11111	1. Boty mm	1. 2017 mm	11 OTY MAI	CIGBBCB 0	
Standard(s) Description									
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	FloorScore								
GreenGuard Gold / Low Chemical Emmisions (UL COM/GG, UL2818)									