



3.0mm/0.50mm Glue down Product Technical Data

Subject	Main Parameter	(Result)	Reference Standard EN ISO or ASTM
Name	Luxury Vinyl Tile /Plank		
Type of flooring	Heterogeneous PVC floor covering		ISO 10582
Classification	23/33/42		ISO 10874
Classification	Class III Type B		ASTM F1700
Size	Various		EN ISO 24342
Thickness	3.0 +0.13/-0.10 mm		refer to: EN ISO 24346
Wear layer thickness	20 mil (0.53 ±0.03mm)		EN ISO 24340
Surface treatment	PU coating		
Warranty ¹	15 Years		Commercial
	Lifetime		Residential
Structure	TOP0.5+FILM0.07+MD0.8+BD1.8mm		
Wear layer density	1.26-1.30 g/cm ³		ISO23996
Squareness, mm	≤0. 10 mm		refer to: EN ISO 24342
Straightness, mm	≤0. 10 mm		refer to: EN ISO 24342
Bevelled edges	Micro		
Dimensional stability	Pass-0.002"/lin.ft		ASTM F2199
Dimensional stability, 80℃×6h	≤ ±0.10 %		refer to: ISO 23999
Curl, 80℃×6h	≤1.0 mm		ISO 23999
Total mass per unit area	4780 g/m ² (+10 %/-10 %)		EN ISO 23997
Residual indentation(average)	≤0.05 mm		EN ISO 24343-1
Staining and resistance to chemicals	Class 0		ISO 26987
Staining resistance	Pass		ASTM F925
Light fastness	Pass		ASTM F1515
Color fastness	ΔE = 3.3 ≥Grade 6		ISO 105-B02
Ply Adhesion	≥60N/5cm		ISO 24345
Reaction to fire	Bfl-s1		EN 13501-1
Reaction to fire	Class 1		ASTM E648-06
Smoke density	Pass (< 450)		ASTM E662-06
Flammability test	Pass		FF 1-70; Federal Approval
Slip resistance ²	Pass (Dry 0.89)		ASTM D2047
Acoustic reduction	ΔIIC = 6 dB		ASTM E2179-09
	IIC = 46 dB (6" Concrete Slab w/Drop Ceiling)		ASTM E492-09
	IIC = 71 dB (6" Concrete Slab w/Drop Ceiling +Quiet Choice)		
Static load	1,000 psi		ASTM F970
Flexibility	Pass		ASTM F137
Adhesive	Acrylic , DrySet, Epoxy, Pressure Sensitive		
Electrical resistance (Anti-static Resistance)	≤ 1 2.0kV I		EN 1815
Air Comfort Gold	pass		EN 16516
Floor score			California Section 01350

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Environmental	FloorScore® SCS-EC10.3-2014 v4.0	Indoor air quality certified;
	NSF / ANSI 332	Compliant low emitting VOC emissions.
	ISO 14001 / ISO 9001	Sustainability Assessment for Resilient Floor Coverings; Conformance product Manufactured to quality and environment management systems standards
Effect of Caster Chair	≥25000	ISO 4918
Slip resistance	general embossing: Dry >45/Wet >35;	DIN 51130
	SI embossing: Dry >40/Wet >30; R9 DS	EN 13893
Abrasion resistance	Group T	EN 660-2
Abrasion resistance	25,000 Cycles	ASTM D4060
Toxicity	No toxic, not contain heavy metal	EN71-3
Formaldehyde	E1	EN717-1
Recycling	Suitable	
phthalate free	yes	
Features		
Using area		
Others		

¹ Subject to terms. Commercial warranty covers light commercial use only

² Slip resistance is measured on freestanding ex-factory product. Slip resistance can be affected by many factors, including but not limited to; product installation and underlayment, surface contamination, use, wear and how the product is maintained. Textural variation along the surface of the product can affect nominal values

