



3.0mm/0.70mm 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			23/34/43		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			30 mil (0.73 ±0.03mm)		EN ISO 24340
Surface treatment			PU coating		
Warranty¹			20 Years		Commercial
			Lifetime		Residential
Structure			TOP0.7+FILM0.07+MD0.8+BD1.6mm		
Wear layer density			1.26-1.30 g/cm³		ISO23996
Squareness, mm			≤0. 10 mm		refer to: EN ISO 24342
Straightness, mm			≤0. 10 mm		refer to: EN ISO 24342
Bevelled edges			Standard		
Dimensional stability			Pass		ASTM F2199
			-0.002"/lin.ft		
Dimensional stability, 80°C×6h			≤ ±0.10 %		refer to: ISO 23999
Curl, 80°C×6h			≤1.0 mm		ISO 23999
Total mass per unit area			4650 g/m² (+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
			ΔE = 3.3		
Color fastness			≥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 resistance²			Pass (Dry 0.92)		ASTM D2047
Acoustic reduction	impact	noise	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;
		Compliant low emitting VOC emissions.
		Sustainability Assessment for Resilient Floor Coverings; Conformant product
	NSF / ANSI 332	Manufactured to quality and environment management systems standards
	ISO 14001 / ISO 9001	
Effect of Caster Chair	≥25000	ISO 4918
Slip resistance	general embossing: Dry >45/Wet >35;	DIN 51130
	SR coating: Dry >55/Wet >36; 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

