





PRODUCT SPECIFICATIONS

Product	Dimensions	Overall Thickness:	5.5 MM	
		Width and Length:	125MM (W) x 625MM (L)	
	Packaging	Per Carton	26 Planks	2.0313 sq.m. 18.4 kgs.
		Per Pallet	54 Cartons	109.69 sq.m. 1000 kgs.
		Per 20'GP Container	24 Pallets	2632.56 sq.m. 24000 kgs.
	Construction	Top Layers	High Definition Decor Film	
			Ceramic Bead UV Polyurethane Coating	
			0.5MM Heavy Commercial Wear Layer	
		Core	4.5mm Vinyl Composite: 0% wood, 100% Virgin Material	
		Cork	1.0mm	
Density		≥ 1650 kg/m ³		
Bevel	4 Sides V Bevel Painted			
Installation	Unilin Click System			
Under Floor Heating	Water Radiant Heating System(The radiant heat surface temperature must not exceed 24°C)			
Warranty	Lifetime limited residential, 10 year limited light commercial, 6 year limited commercial			

S/N	Performance / Properties	Test Method	Criteria
A. Dimensions and Dimension Tolerance			
1	Tile side length	ISO 24342 or EN 427	≤0.15% of nominal length up to 0.5mm maximum
2	Tile square-ness	ISO 24342 or EN 427	Permissible deviation For ≤ 400mm : ≤0.25mm For > 400mm : ≤0.35mm
3	Overall thickness	ISO 24346 or EN 428	Average value should be nominal value with a tolerance of -0.10/+0.13 mm. Individual results should be average value ± 0.15mm.
4	Thickness of wear layer	ISO 24340 or EN 429	Average value should be nominal value with a tolerance of -0.10/+0.13% but not more than 0.1mm. Individual values should not vary more than 0.05mm or 15% below the average, whichever is greater.
5	Total mass per unit area	ISO 23997 or EN 430	Average value (g/m ²) should be nominal value with a tolerance of -10% / +13%.
B. Physical Properties			
1	Dimensional stability after exposure to heat	ISO 23999 or EN 434	≤ 0.25%
2	Curling after exposure to heat	ISO 23999 or EN 434	≤ 2mm
3	Residual indentation	ISO 24343-1 Part 1 or EN 433	≤ 0.1mm
4	Effect of castor chair	ISO 4918 or EN 425	After 25,000 cycles, no delamination shall occur. No disturbance to the surface other than a slight change in appearance Type W; Only minor changes in surface, no delamination
5	Abrasion resistance	EN 660 Part 1 & 2	Wear Group T Volume loss F ≤ 2.0mm ³
6	Slip resistance	SS 485 (Dry floor friction test)	Coefficient of friction ≥ 0.4
		SS485 (Wet condition- pendulum friction test)	Classification X minimum

C. Chemical Properties			
1	Color fastness to artificial light	ISO 105-B02 or ASTM F1515	Grade 6 minimum $\Delta E \leq 8$ after 300 hr where E is irradiance in W/m^2
2	Stain & Chemical resistance	ISO 26987 or EN 423	Achieve Class 0 – no change, when test with common household stains and chemicals e.g. Olive oil, Coffee, Vinegar, Wine, Household ammonia, Household bleach etc. for contact duration of 2 hours
D. Fire Performance			
1	Toxicity	BS 6853 Annex B	Achieve $R < 1.0$
2	Smoke Production	EN 13501-1 / EN	Achieve S1
3	Flame spread/ ignition	EN 13501-1 / EN	Achieve B fl
4	Cigarette burn	EN 1399	Class 3 minimum
E. Other Criteria			
1	 Floor Score recognized by SCS Global Services	Indoor Air Quality Certified to SCS-EC10.3-2014 v4.0 Conforms to the CDPH/EHLB Standard Method v1.2-2017 for the school classroom and private office parameters when modeled as Flooring. Measured Concentration of Total Volatile Organic Compounds (TVOC): Less than/equal to 0.5 mg/m ³	
2	 CE Certificate recognized by Center for textile Science and Engineering	Comply with the technical requirements referenced in EN 14041, EN 13501-1, EN 717-1 and EN 13893	
3	 UKCA Certificate recognized by UTTG	Comply with the technical requirements referenced in BS EN ISO 11925-2:2020, BS EN 13501-1:2018, BS EN 13238:2010, BS EN 13893.	
4	 Assure recognized by SCS Global Services	ASSURE CERTIFIED™ guarantees that this rigid core flooring product has been manufactured to the highest standards and meets all the ASSURE CERTIFIED™ requirements for indoor air quality, rigorous performance, and low heavy metals & ortho-phthalates content.	