PHYSICAL PROPERTIES OF AN CUONG LAMINATE FLOORING

Version 05
Date: 14.05.2024

U - GRADE

Thickness: 8mm/12mm	Product Size:	Available size
Characteristic	**Requirement**	**Test Method**
Classification	Class 32 - AC4	EN13329
Length	≤ 0.5mm	EN13329
Width	≤ 0.1mm	EN13329
Thickness	≤ 0.5 mm	EN13329
Squareness	≤ 0.2mm	EN13329
Flatness of element	Maximum Single Value fw, concave ≤0.15% fw, convex ≤ 0.2% fl, concave ≤ 0.5% fl, convex ≤1%	EN13329
Openings between elements	o average ≤ 0.15 mm o max ≤ 0.20 mm	EN13329
Height difference between elements	h average ≤ 0.10 mm h max ≤ 0.15 mm	EN13329
Light fastness	grey- scale, not worse than 4	EN ISO 4892-2:2006/A1:2009
Static indentation	residual indentation ≤ 0.05mm	EN ISO 24343-1
Density	≥ 850kgs/m³ (+/-20)	EN323
Abrasion Resistance	≥ 4000 Revolution	EN13329
Surface soundness	≥ 1.25N/mm	EN13329
Dimensional variations after changes in relative humidity	δl average ≤ 0.9 mm δw average ≤ 0.9 mm	EN13329
Thickness Swelling	≤ 18%	EN13329
Impact Resistance	Small ball ≥ 12N Big ball ≥ 750mm	EN13329
Resistance to staining	Group 1+2- Level 5 Group 3- Level 4	EN438
Moisture content	4 - 10%	EN322
Formaldehyde Emission		
Formaldehyde Release	≤ 0.124mg/m³ (E1)	EN 717-1: 2004