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## Laminate Flooring Technical Specs

### Laminate Flooring specifications:

Thickness	12.3 mm
Dimensions	1218 x 197 mm
Color:	According to your selections
Surface:	Wood grain Surface
Abrasion:	AC3
Core Board:	HDF (850KG/m3), E1
Click System:	Unilin Click
Edges:	V-groove
Back:	Brown
Extra Treatment:	No

## SPECIFICATIONS

Property	Requirements (Standard)	Test Method
Thickness of the element, T	$\Delta T_{\text{average}} \leq 0.05\text{mm}$ , relative to nominal value, $T_{\text{max}} - T_{\text{min}} \leq 0.05\text{mm}$	EN13329 Annex A
Length of the surface layer, L	For the nominal values given, no measured value shall exceed: $L \leq 1500 \text{ mm}$ : $\Delta L \leq 0.5\text{mm}$	EN13329 Annex A
Width of the surface layer, W	$\Delta W_{\text{average}} \leq 0,10\text{mm}$ , relative to nominal value. $W_{\text{max}} - W_{\text{min}} \leq 0.20\text{mm}$ .	EN13329 Annex A
Squareness of the elements, Q	$Q_{\text{max}} \leq 0.20\text{mm}$	EN13329 Annex A
Straightness of the surface layer, S	$S_{\text{max}} \leq 0.30\text{mm/m}$	EN13329 Annex A
Flatness of the elements, F	Maximum single values: $F W_{\text{concave}} \leq 0.15\%$ , $F W_{\text{Convex}} \leq 0.20\%$ , $F l_{\text{concave}} \leq 0.50\%$ , $F l_{\text{convex}} \leq 1.00\%$ .	EN13329 Annex A

<b>Test Property</b>	<b>Requirements (Standard)</b>	<b>Test Method</b>
Openings between elements, O	$O_{\text{average}} \leq 0.15\text{mm}, O_{\text{max}} \leq 0.20\text{mm}$	EN13329 Annex B
Height difference between elements, H	$H_{\text{average}} \leq 0.10\text{mm}, H_{\text{max}} \leq 0.15\text{mm}$	EN13329 Annex B
Dimensional variations after changes in relative humidity $\delta L, \delta W$	$\delta L_{\text{average}} \leq 0.9\text{mm}, \delta W_{\text{average}} \leq 0.9\text{mm}$	EN13329 Annex C
Surface soundness	$\geq 1.00\text{N/mm}^2$	EN13329 Annex D
Abrasion resistance	Class 31,AC3	EN13329 Annex E
Impact resistance	IC1	EN13329 Annex F
Thickness swelling	$\leq 18.0\%$	EN13329 Annex G

<b>Test Property</b>	<b>Requirements (Standard)</b>	<b>Test Method</b>
Fire Resistance	Flame retardant B1	DIN 4102
Lightfastness	≥ Level 6 Blue Wool Scale	EN ISO 105-B02
Resistance to Cigarette embers	≥ Degree 4	EN438.2.18
Formaldehyde emission	E1 standard (≤1.5mg/L)	EN717-1