





NEW GENERATION PETG CLICK FLOORING

TECHNICAL DATA SHEET

allure™

PHYSICAL PROPERTIES & PACKAGING	
Collection	Allure Forte Plank 5,5 mm
Use	Commercial Class 34 Residential Class 23
Size	228 mm X 1.220 mm (8,98' X 48,03')
Thickness - Overall	5.5 mm
Product Construction	4.5 mm multilayer construction with a wear layer, printed film, and core all made from PETG, plus a 1mm integrated HDPE underlay.
Wear Layer - Thickness	0.55mm
Edge Detail	4 sides Micro Bevel
Finish	DURASPECT™
Patented Click System	DropLock-100 (14F)
Mass per Unit Area	8.55 kg/m ²
Pieces/Carton	7 pieces
Coverage/Carton	1.947 m ²
Coverage/Pallet	52 Cartons (101,25 m ²)
Coverage/Container	24 Pallets (2.430 m ²)
Warranty ⁽¹⁾	Material: 20 years (100%) Labour: 10 years (Pro rata)

EUROPEAN / INTERNATIONAL STANDARDS - CE CERTIFICATION / TESTING			
Description	Standard	Symbol	Results Plank 5,5 mm
CE Certification	EN 14041		Refer to Standards Below
Reaction to Fire	EN 13501-1 EN ISO 9239-1 EN ISO 11925-2		Bfl - s1 Classification
Formaldehyde Emission	EN 717-1		Class E1
Slip Resistance	EN 13893		Class DS

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Description	Standard	Symbol	Results Plank 5,5 mm
Classification (Level of Use)	EN 16511 EN ISO 10874		Commercial – Very Heavy (Class 34) Refer to Standards Below
Wear Resistance IP	ISO 24338 Procedure A		≥7,000 cycles
Impact Resistance (Big Ball)	EN 13329:2006, A1:2008, Annex F		≥ 1.800 mm No Visible Damage
Micro-Scratch Resistance [Class]	EN 16094, Method A	N/A	MSR-A2
Castor Chair Resistance	EN ISO 4918		After 25,000 cycles: No Disturbance to the Surface; No Delamination, Cracks, or Disruptions
Effect of Furniture Leg	EN ISO 16581 (Tested with foot type 0)		No Visible Damage
Residual Indentation	EN ISO 24343-1		≤0.15mm
Resistance to Staining [Grade, per Group]	EN 438-2 (Group 1 & 3 - Only 10 Minutes)		Groups 1, 2 & 3: Grade 5
Locking Strength	ISO 24334		Long Side ≥ 1.0kN/m Short Side ≥ 3.5kN/m
Dimensional Stability and Curling under influence of Temperature	EN ISO 23999		≤0.15 % ≤ 2mm
Colour Fastness to Light	ISO 105-B02, Method 3		≥Grade 6
Thickness (t)	EN 17539		$\Delta t_{avg} \leq 0.50\text{mm}$ (Versus Nominal) $t_{max} - t_{min} \leq 0.50\text{mm}$
Length (l)			$l \leq 1500\text{mm}: \Delta l \leq 0.5\text{mm}$ $l > 1500\text{mm}: \Delta l \leq 0.3\text{mm/m}$ (Versus Nominal)
Width (w)	EN 17539		$\Delta w_{avg} \leq 0.10\text{mm}$ (Versus Nominal) $w_{max} - w_{min} \leq 0.20\text{mm}$
Squareness (q)			$q_{max} \leq 0.20\text{mm}$
Straightness (s)			$s_{max} \leq 0.30\text{mm/m}$
Flatness (f)	EN 17539	N/A	Maximum Single Values: $f_{w,concave} \leq 0.15\%$, $f_{w,convex} \leq 0.20\%$ $f_{l,concave} \leq 0.50\%$, $f_{l,convex} \leq 1.00\%$
Openings (o)	EN 17539	N/A	Measured from the Surface Between Vertical, Contacting Edges: $o_{avg} \leq 0.15\text{mm}$, $o_{max} \leq 0.20\text{mm}$
Height Difference (h)	EN 17539	N/A	$h_{avg} \leq 0.10\text{mm}$ $h_{max} \leq 0.15\text{mm}$

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EUROPEAN / INTERNATIONAL STANDARDS - AUXILIARY PERFORMANCE & SAFETY			
Description	Standard	Symbol	Results Plank 5,5 mm
Content of PCP (Pentachlorophenol)	EN 12673:1999		Not detected
Static Electrical Propensity	EN 1815, Method A		Antistatic Floor Coverings: ≤2,0kV (Absolute Value)
Thermal Resistance Thermal Conductivity	EN 12664		R23 = 0,050 (m2 . K)/W λ23 = 0,111 W/m . K
Slip Resistance (UK)	DIN EN 16165 : 2023 Annex C	N/A	Low Slip Risk (Dry) Moderate Slip Risk (Wet)
Impact Sound Insulation	EN ISO 10140-3 ISO 717-2 EN ISO 140-8		ΔL _w = 17 dB
Product-Content Safety	REACH SVHC	N/A	Not detected
Heavy Metals	EN 71-3:2019+A1:2021	N/A	Not detected

Footnotes

1) Warranty: Please see full terms and conditions of our warranties at www.allure-innovation.com

The manufacturing facility is ISO 9001 (Quality Management System) and ISO 14001(Environmental Management System) certified.

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