

# ARTUREON FLOOR

## HYBRID RESILIENT WATERPROOF FLOOR

		XXL	CLASSIC	
Thickness	mm	12	8	
Width	mm	244	193	
Length	mm	2025	1380	
Utilization class		Living area 23, project area 33	Living area 23, project area 33	EN 16511
Locking system		5G	5G	
Waterproof	%	Yes	Yes	
Impact resistance - large ball	mm	≥ 1800	≥ 1800	EN 16511
Antibacterial activity		Yes	Yes	ISO 22196
Micro-scratch resistance		MSR-A3	MSR-A3	EN 16511
Residual indentation	mm	max. 0.03	max. 0.03	EN 433
Thermal resistance	(m <sup>2</sup> k)/W	0.089	0.1	EN 12667
Max. installation area		20 x 20 m	20 x 20 m	
Reaction to fire		C <sub>fl</sub> -s1	C <sub>fl</sub> -s1	EN 13501-1
V-Groove		V-groove 4-sided	V-groove 4-sided	
Unique plank design		8	10	
Effect of a furniture leg		No damage	No damage	EN 13329
Castor chair test		No damage	No damage	EN 425:2002
Resistance to staining		Groups 1, 2: Class 5   Group 3: Class 4	Groups 1, 2: Class 5   Group 3: Class 4	EN 438-2:2019
Light fastness		Type 6   Gray Scale ≥ 4	Type 6   Gray Scale ≥ 4	EN 20105:1995
Slip resistance		DS	DS	EN 14041
VOC-Emission 28 days		VOC A+, agBB Schema	VOC A+, agBB Schema	ISO 16000
Formaldehyde emission		≤ 0.1 ppm (E1/2020)	≤ 0.1 ppm (E1/2020)	EN 717-1
Composition	Renewable energy > 90%   wood fibres ~80%   Swiss Wood   ca. 30% recycled content   no chlorides   no biocides			
Further information	heavy-metal free coating   Recyclable   PVC and Phthalate free			

Tolerances

Thickness, <i>t</i>	$\Delta t_{\text{average}} \leq 0.50 \text{ mm}$ $t_{\text{max}} - t_{\text{min}} \leq 0.50 \text{ mm}$	Width of the surface layer, <i>w</i>	$\Delta w_{\text{average}} \leq 0.10 \text{ mm}$ $w_{\text{max}} - w_{\text{min}} \leq 0.20 \text{ mm}$
Length, <i>l</i>	$\Delta l \leq 0.50 \text{ mm}$	Squareness, <i>q</i>	$q_{\text{max}} \leq 0.20 \text{ mm}$
Straightness, <i>s</i>	$s_{\text{max}} \leq 0.30 \text{ mm/m}$	Height differences between elements, <i>h</i>	$h_{\text{average}} \leq 0.10 \text{ mm}$ $h_{\text{max}} \leq 0.15 \text{ mm}$
Openings between elements, <i>o</i>	$o_{\text{average}} \leq 0.15 \text{ mm}$ $o_{\text{max}} \leq 0.20 \text{ mm}$	Flatness, <i>f</i>	$f_{w, \text{concave}} \leq 0.15 \%   f_{w, \text{convex}} \leq 0.20 \%$ $f_{l, \text{concave}} \leq 0.50 \%   f_{l, \text{convex}} \leq 1.00 \%$
Dimensional variations after changes in relative humidity, $\delta$	width: $\delta_w_{\text{average}} \leq 0.9 \text{ mm}$ length: $\delta_l_{\text{average}} \leq 0.9 \text{ mm}$		