

Technical Datasheet

1900*190*8mm

dimension	thickness (d)	$8 \pm 0,3 \text{ mm} \cdot d_{\max} - d_{\min} \leq 0,3 \text{ mm}$	<p>20 Years Warranty</p>
	length	$1900 \pm 3 \text{ mm}$	
	width (b)	$190 \pm 0,25 \text{ mm} \cdot b_{\max} - b_{\min} \leq 0,25 \text{ mm}$	

TOLERANCE

Squareness	ASTM 3261	$\leq 0,25 \text{ mm}$
Flatness	ASTM 3261	$\leq 0,25 \text{ mm}$
Openings	ASTM 3261	$\leq 0,25 \text{ mm}$
Ledging	ASTM 3261	$\leq 0,25 \text{ mm}$
Residual Indentation	ASTM 3261	$\leq 0,25 \text{ mm}$
Thickness	ASTM F387	$\leq 0,35 \text{ mm}$
Venner Thickness	ASTM F410	$\pm 0,15 \text{ mm}$

TEST

Resistance to Chemicals	ASTM 3261	No Change
Resistance to Heat	ASTM 3261	$\leq 2 \Delta E$
Water Absorption	ASTM D570	$\leq 3\%$
Surface Soundness	ISO 16981	2.5 N /mm^2
Soak	ANSI/HPVA	No Delamination
Scratch Resistance	ISO 1518	Visible scratch on the surface, but no penetration to the substrate
Impact Resistance	EN 13329	No Crack on the surface
Castor chair test	ISO 4918	No change in appearance or damage
Effect of a furniture leg	ISO 16581	No visible damage
Locking strength	ISO 24334	length $\geq 6 \text{ kN/m}$ · width $\geq 6 \text{ kN/m}$
Wet Swell	ISO 4760	No change

ENVIRONMENT

emission of formaldehyde	ASTM 6097	Class E1
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PHYSICAL BEHAVIOR

Fire CHF	ISO 9239	$\geq 4.5 \text{ kW/m}^2$
Topical Moisture Resistance	ISO 4760	No migration of water to the underside
Dry Floor Friction	AS 4586	D1
Wet Pendulum Test	AS 4586	P3
Impact insulation Class (IIC)	ASTM E492	≥ 55
Sound Transmission Class	ASTM E90	≤ 55

The data sheet is updated regularly to meet new technological standards. This version replaces all previous versions as well as those which are undated. This version takes effect upon creation. Version 08/2022