



DECLARATION OF PERFORMANCE



KRONOSPAN WOOD PRODUCT TRADE & INC.

8mm

Direct Pressure Laminate

00002-DOP-2018/04/20

According to EN 13329+A1:2017-12

class 23 / 32 - AC 4

domestic with heavy ,commercial with General use

Characteristic	Dimension	Test Method
Thickness of the element, (<i>t</i>)	8 mm ± 0.50mm $\Delta t_{average} \leq 0,5\text{mm}$ $t_{max} - t_{min} \leq 0.50\text{mm}$	EN 13329+A1 2017-12
Length (<i>l</i>)	1285mm ± 0.50mm $l \leq 1500 \text{ mm}: \Delta l \leq 0,5 \text{ mm}$	EN 13329+A1 2107-12
width (<i>w</i>)	192mm ± 0.10mm $\Delta w_{average} \leq 0,10 \text{ mm}$ $w_{max} - w_{min} \leq 0.20\text{mm}$	EN 13329+A1 2017-12
Profile	long side and Short side Twin click	
Length and width of squared elements, (<i>l=w</i>)	$\Delta l_{average} \leq 0,10 \text{ mm}$ relative to nominal value $\Delta w_{average} \leq 0,10 \text{ mm}$ relative to nominal value $l_{max} - l_{min} \leq 0,20 \text{ mm}$ $w_{max} - w_{min} \leq 0.20\text{mm}$	
Squareness of the elements, (<i>q</i>)	$q_{max} \leq 0.20\text{mm}$	EN 13329+A1 2017-12
Straightness of the surface layer, (<i>s</i>)	$s_{max} \leq 0.30\text{mm} / \text{m}$	EN 13329+A1 2017-12
Flatness of the elements, (<i>f</i>) <i>W</i> = width <i>L</i> = length	Maximum single values: $f_{w,concave} \leq 0.15 \%$ $f_{w,convex} \leq 0,20 \%$ $f_{l,concave} \leq 0.50 \%$ $f_{l,convex} \leq 1,00 \%$	EN 13329+A1 2017-12
Opening between elements, (<i>o</i>)	$o_{average} \leq 0,15 \text{ mm}$ $o_{max} \leq 0,20\text{mm}$	EN 13329+A1 2017-12
High difference between elements, (<i>h</i>)	$h_{average} \leq 0,10 \text{ mm}$ $h_{max} \leq 0,15 \text{ mm}$	EN 13329+A1 2017-12
Dimensional variations after changes in relative humidity, (δl , δw)	$\delta_{average} \leq 0,9 \text{ mm}$ $\delta_{max} \leq 0,9 \text{ mm}$	EN 13329+A1 2017-12




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Light fastness	Colour contrast between unexposed and exposed sample part \geq 4 of grey scale according to EN 20105-A2		EN ISO 4892-2:2006/A1:2009 procedure B-cycle 5 (50% rel.hum) ^{a,b}
Static indentation	residual indentation \leq 0,05 mm		EN ISO 24343-1
<p>^a Test until blue wool scale No. 6 according to EN ISO 105-B02 (= colour contrast 4 on the gray scale according to EN 20105-A02 between exposed and unexposed part of blue wool scale).</p> <p>^b Allow sample (24 \pm 1h) recovery time without light exposure at 23 °C and 50% rel. Humidity before taking final assesment</p>			
TEST			
Abrasion resistance	AC4 (\geq 4000rpm)		EN 13329+A1 2017-12
Impact resistance	IC2		EN 13329+A1 2017-12
Stain resistance	group 1 + 2	grade 5	EN 13329+A1 2017-12
	group 3	\geq grade 4	
Castor chair test	no change in appearance or damage, as defined per EN 425		EN 13329+A1 2017-12
Thickness swelling	\leq 18%		EN 13329+A1 2017-12
Light fastness	blue wool scale	\geq 6	EN 13329+A1 2017-12
	gray wool scale	\geq 4	
ENVIRONMENT			
Emission of formaldehyde	(0,025 mg / m ³) = Class E1		EN 717-1
BEHAVIOR			
Fire behavior	C _{fl} – S1		EN 13501-1
Slip resistance	(μ = 0.58) technical class: DS		EN 13893:2003
Thermal resistance	0.0537 (m ² K)/W		EN 12667:2001
Thermal conductivity	0.156 W/(m*k)		EN 12667:2001
Content of PCP	< d. l. (undeterminable)		CEN/TR 14823:2004

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