



DECLARATION OF PERFORMANCE



KRONOSPAN WOOD PRODUCT TRADE & INC.

10mm

Direct Pressure Laminate

00003-DOP-2020/01/01

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, (t)	10 mm $\pm$ 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 (l)	1285mm $\pm$ 0.50mm $l \leq 1500 \text{ mm: } \Delta l \leq 0,5 \text{ mm}$	EN 13329+A1 2107-12
width (w)	192mm $\pm$ 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, (l=w)	$\Delta l_{average} \leq 0,10 \text{ mm}$ 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, (q)	$q_{max} \leq 0.20\text{mm}$	EN 13329+A1 2017-12
Straightness of the surface layer, (s)	$s_{max} \leq 0.30\text{mm} / \text{m}$	EN 13329+A1 2017-12
Flatness of the elements, (f) W= width L= length	Maximum single values: $f_{w,concave} \leq 0.15 \% \quad f_{w,convex} \leq 0,20 \%$ $f_{l,concave} \leq 0.50 \% \quad f_{l,convex} \leq 1,00 \%$	EN 13329+A1 2017-12
Opening between elements, (o)	$o_{average} \leq 0,15 \text{ mm}$ $o_{max} \leq 0,20\text{mm}$	EN 13329+A1 2017-12
High difference between elements, (h)	$h_{average} \leq 0,10 \text{ mm}$ $h_{max} \leq 0,15 \text{ mm}$	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

 Kronospan Orman Ürünleri San. ve Tic. A.Ş.



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Light fastness		Colour contrast between unexposed and exposed sample part ≥ 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
^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).				
^b Allow sample (24 ± 1 h) recovery time without light exposure at 23 °C and 50% rel. Humidity before taking final assesment				
TEST				
Abrasion resistance		AC4 (≥ 4000 rpm)		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		≥ 6	EN 13329+A1 2017-12
	gray wool scale		≥ 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		($\mu = 0.58$) 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

Place and Date of Issue
01.01.2020, KASTAMONU


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