

# EXCELLENCE



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## 1. Parameters

Properties	Test method	Requirements	Results
Classification	EN 13329	class 21,22,23, class 32,31,33	class 23, class 32
Abrasion resistance	EN 13329 App. E	AC3 IP $\geq$ 2500, AC4 IP $\geq$ 4000, AC5 IP $\geq$ 6500	AC4, IP $\geq$ 4000
Fire classification	EN 13501-1	C <sub>n</sub> -s1, B <sub>n</sub> -s1	C <sub>n</sub> -s1
Thermal resistance	EN 12667	R < 0,15 (m <sup>2</sup> *K)/W	R < 0,15 (m <sup>2</sup> *K)/W
Slip resistance	EN 13893	DS	DS
Formaldehyde emission	ENV 13501-1	E 1 (emission $\leq$ 0,124 mg/m <sup>3</sup> )	E 1
Length tolerance (l)	EN 13329 App. A	l $\leq$ +/- 0,5 mm	l $\leq$ +/- 0,5 mm
Width tolerance (w)	EN 13329 App. A	w $\leq$ 0,10 mm	w $\leq$ 0,05 mm
Thickness tolerance (t)	EN 13329 App. A	t $\leq$ 0,5 mm	t $\leq$ 0,1 mm
Squareness of the element (q)	EN 13329 App. A	q $\leq$ 0,20 mm	q $\leq$ 0,05 mm
Edge straightness (s)	EN 13329 App. A	s $\leq$ 0,3 mm	s $\leq$ 0,05 mm
Flatness (f)	EN 13329 App. A	f(w) concave $\leq$ 0,15% f(w) convex $\leq$ 0,20%	f(w) concave $\leq$ 0,08% f(w) convex $\leq$ 0,07%
		f(l) concave $\leq$ 0,50% f(l) convex $\leq$ 1,00%	f(l) concave $\leq$ 0,50% f(l) convex $\leq$ 0,39%
Lightfastness	EN 438-2, 16	Blue wool scale, not worse than 6 Grey scale, not worse than 4	> 6 (Blue wool scale) > 4 (Grey scale)
Resistance to cigarette embers	EN 438-2, 18		$\geq$ Grade 4
Impact resistance	EN 13329 App. F	IC 1, IC 2	IC 1, IC 2
Height differences between joined elements (h)	EN 13329 App. B	h aver. $\leq$ 0,10 mm	h aver. $\leq$ 0,05 mm
		h max $\leq$ 0,15 mm	h max $\leq$ 0,15 mm
Holes in joints between built-up elements (o)	EN 13329 App. B	o aver. $\leq$ 0,15 mm	o aver. $\leq$ 0,05 mm
		o max $\leq$ 0,20 mm	o max $\leq$ 0,10 mm
Change in dimensions after changing RH, d(l), d(w)	EN 13329 App. C	d(l) aver. $\leq$ 0,9 d(w) aver. $\leq$ 0,9	d(l) aver. $\leq$ 0,4 mm d(w) aver. $\leq$ 0,5 mm
Swelling in thickness	EN 13329 App. G	$\leq$ 20% for AC 3; $\leq$ 18% for AC4, AC5	10,1%
Electrostatic behavior according to EN 14041	EN 1815	body voltage at 23° C / 25% humidity $\leq$ 2kV	body voltage at 23° C / 25% humidity $\leq$ 2kV

## 2. Technical data

Base material	HDF
Size	1380 x 193 mm
Thickness	8 mm
Pieces per package	8
Package surface	2,131 m <sup>2</sup>
Packages per pallet	60
Pallet surface	127,843 m <sup>2</sup>

