

TECHNICAL DATA SHEET

1. PRODUCT DESCRIPTION

- 1.1 Format 1280 x 183 x 8,0 mm
- 1.2 Packing 8 boards each pack = 1,874 m²
- 1.3 Build up
 - surface layer Direct Laminated decorative Paper, DL. Papers impregnated with melamine resin
 - substrate High Density Fibreboard, HDF
 - backing Direct Laminated Paper, DL. Papers impregnated with melamine resin
- 1.4 Installation Glueless mechanical locking system, installed floating according to installation description.
- 1.5 Classification According to EN 685 - Class 23: Heavy Domestic use
 - Class 31: Moderate Commercial use

2. GENERAL REQUIREMENTS

Characteristics	Test standard	Units	Requirements	Typical values
2.1 Thickness of element, t	EN 13329	mm	$\Delta t_{\text{average}} \leq 0,5$ $t_{\text{max}} - t_{\text{min}} \leq 0,5$	< 0,20 < 0,30
2.2 Length of surface layer, l	EN 13329	mm	$\Delta l \leq 0,5$	< 0,20
2.3 Width of surface layer, w	EN 13329	mm	$\Delta w_{\text{average}} \leq 0,1$ $w_{\text{max}} - w_{\text{min}} \leq 0,2$	< 0,05 < 0,10
2.4 Squareness, q	EN 13329	mm	$q_{\text{max}} \leq 0,2$	< 0,20
2.5 Straightness of surface layer, s	EN 13329	mm	$s_{\text{max}} \leq 0,3$	< 0,20
2.6 Flatness - width f_w , and length f_l	EN 13329	%	$f_{w\text{-concave}} \leq 0,15$ $f_{w\text{-convex}} \leq 0,20$ $f_{l\text{-concave}} \leq 0,50$ $f_{l\text{-convex}} \leq 1,00$	$\leq 0,10$ $\leq 0,15$ $\leq 0,20$ $\leq 0,20$
2.7 Openings between elements, o	EN 13329	mm	$o_{\text{average}} \leq 0,15$ $o_{\text{max}} - o_{\text{min}} \leq 0,20$	< 0,10 < 0,15
2.8 Height diff. betw. elements, h	EN 13329	mm	$h_{\text{average}} \leq 0,10$ $h_{\text{max}} - h_{\text{min}} \leq 0,15$	$\leq 0,10$ $\leq 0,15$
2.9 Dimensional variations, after changes i RH	EN 13329	mm	$\delta l_{\text{average}} = \delta w_{\text{average}} \leq 0,9$	< 0,50
2.10 Lightfastness	EN 20105 EN ISO 105	Gradescale Gradescale	Gray scale : ≥ 4 Blue wool scale: ≥ 6	≥ 4 ≥ 6
2.11 Static indentation	EN 433		No visible change	No visible change
2.12 Surface soundness	EN 311	N/ mm ²	$\geq 1,00$	$\geq 1,10$

Definitions: $\Delta t_{\text{average}} = |t_{\text{nominal}} - t_{\text{average}}|$ $\Delta l = |l_{\text{nominal}} - l_{\text{measured}}|$ $\delta l_{\text{average}} = \text{dimensional variations, l}$
 $\Delta w_{\text{average}} = |w_{\text{nominal}} - w_{\text{average}}|$ $\delta w_{\text{average}} = \text{dimensional variations, w}$

3. CLASSIFICATION REQUIREMENTS

Characteristics	Test standard	Units	Requirements	Typical values
3.1 Abrasion resistance	EN 13329	Revolutions	AC 3: IP \geq 2.500	IP \geq 2.500
3.2 Impact resistance	EN 13329	N & mm	\geq IC 1	IC 2
3.3 Resistance to staining	EN 438.2.15	Rating ¹⁾	Group 1 & 2: 5 Group 3 : 4	5 4
3.4 Resistance to cigarette burns	EN 438.2.18	Rating ¹⁾	4	4
3.5 Effect of furniture leg	EN 424		No damage with type 0 indenter	No damage with type 0 indenter
3.6 Effect of castor chair	EN 425		No damage or visible change in appearance.	No damage or visible change in appearance, at 25.000 rev
3.7 Thickness swelling	EN 13329	%	< 18	< 12

¹⁾ = Rating scale 1 to 5, where 5 is the best = "No visible change".

4. OTHER TECHNICAL DATA

Characteristics	Test standard	Units	Requirements	Typical values
4.1 Formaldehyde, emission	EN 717-2	ppm	E1: < 0,10	0,02
4.2 Resistance to scratching	EN 438.2.14	N	> 3,0	\geq 5,0
4.3 Fire class	DIN 4102 EN 14 041	Class Class	- CWFT	B1 – Hardly inflammable E _{fl}
4.4 Humidity	EN 322	%	4-10 \pm 1,5 ²⁾	5,0 \pm 1,0 ²⁾

²⁾ = Max tolerance within one deliverance.