



Product Description

Dimensions	2410 L x 241 W x 10,3 + 2 TH (mm)
Packaging	Box: 4 boards - 2,323 m ² (23,8 kg) Pallet : 39 boxes - 90,606 m ² (961 kg)
Composition	High pressure decorative laminate, HPL. Paper impregnated with melamine & phenol resins. High Density Fibreboard, HDF HDF in compliance with CARB Phase 2 emission standards in section 93120.2 (a). Spantex - engineered balancing foil. BerryAlloc SilentSystem, attached to the backside of the board
> Surface layer	
> Substrate	
> Backing	
> Underlay material	
Edge sealing	Impregnated edges
Installation	Glue-free aluminium locking system (AluLoc), installed floating according to installation instructions.

Requirements

Classification Requirements class 23/34 (according to EN 685)



Characteristics	Method	Units	Requirement	Typical value
1. Abrasion resistance	EN 13329	Revolutions	AC 6: IP ≥ 8500	IP ≥ 8500
2. Impact resistance	EN 13329	mm & N	IC 4: 1600 & 20	IC 4: 2000 & 25
3. Resistance to staining ¹	EN 438.2.26	Rating ¹	Group 1, 2 & 3: 5	5
4. Resistance to cigarette burns ¹	EN 438.2.30	Rating ¹	5	5
5. Effect of a furniture leg	EN 424		No visible damage when tested with foot type 0	No visible damage
6. Effect of a castor chair	EN 425		No damage or visible change in appearance at 25.000 rev. with hard wheels (type H)	No damage or visible change in appearance
7. Thickness swelling	EN 13329	%	≤ 8	≤ 7
8. Thickness of the element, t	EN 13329	mm	$\Delta t_{average} \leq 0,50$ $t_{max} - t_{min} \leq 0,50$	< 0,20 (without underlay) < 0,30
9. Length of the surface layer, l	EN 13329	mm	$\Delta l \leq 0,5$	< 0,20
10. Width of the surface layer, w	EN 13329	mm	$\Delta w_{average} \leq 0,10$ $w_{max} - w_{min} \leq 0,20$	< 0,05 < 0,10
11. Squareness of the element, q	EN 13329	mm	$q_{max} \leq 0,20$	< 0,10
12. Straightness of the surface layer, s	EN 13329	mm	$s_{max} \leq 0,30$	< 0,20
13. Flatness of the element, f width f _w and length f _l	EN 13329	%	$f_{w-concave} \leq 0,15$ $f_{w-convex} \leq 0,20$ $f_{l-concave} \leq 0,50$ $f_{l-convex} \leq 1,00$	≤ 0,10 ≤ 0,15 ≤ 0,20 ≤ 0,20
14. Openings between elements, o	EN 13329	mm	$o_{average} \leq 0,15$ $o_{max} - o_{min} \leq 0,20$	< 0,10 < 0,15

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

Characteristics	Method	Units	Requirement	Typical value
15. Height difference between elements, h	EN 13329	mm	$h_{average} \leq 0,10$ $h_{max} - h_{min} \leq 0,15$	< 0,10 < 0,15
16. Dimensional variations after changes in relative humidity	EN 13329	mm	$\delta l_{average} \leq 0,9$ $\delta w_{average} \leq 0,9$	< 0,50 < 0,50
17. Light fastness	EN 20105 EN ISO 105	Grade Scale Grade Scale	Grey scale : ≥ 4 Blue wool scale: ≥ 6	> 4 > 6
18. Static indentation	EN 433		No visible change	No visible change
19. Surface soundness	EN 13329	N/mm ²	$\geq 1,00$	$\geq 1,80$
20. Locking strength, short side	ISO 24334	kN/m	-	$f_{s0,2} \geq 4,0$ $f_{max} \geq 15,0$
21. Dimensional variations and stability after exposure to humid and dry climate conditions	ISO 24339	% mm mm mm	$d_{w average}, d_{l average} \leq 0,10$ $-0,30 \leq C_{max} \leq 0,40$ $J_{L max}, J_{S max} \leq 0,10$ $h_{L max}, h_{S max} \leq 0,15$	$\leq 0,10$ $\leq ABS: 0,20$ $\leq 0,05$ $\leq 0,10$

Definitions: $\Delta t_{average} = |t_{nominal} - t_{average}|$
 $\Delta w_{average} = |w_{nominal} - w_{average}|$

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

Other technical data				
Characteristics	Method	Units	Requirement	Typical value
1. Formaldehyde emission	EN 717-1	mg/m ³	E1: < 0,124	E1: < 0,03
2. VOC	ENV 13419-2	µg/m ² h	-	< 10 (672 h)
3. Resistance to scratching ¹	EN 438.2.25	Rating ¹	-	≥ 3
4. Reaction to fire	EN 13501-1	Class	-	B _{fl} - s1
5. Thermal resistance	DIN 52612-3	m ² K/W	-	0,12
6. Step sound reduction	ISO 717-2	dB	-	≥ 19
7. Humidity	EN 322	%	4-10 ± 1,5	6,0 ± 1,0
8. Slip resistance	EN 13893	µ	$\geq 0,30$	$\geq 0,50$: Slip resistant (DS)
9. Static electrical propensity	EN 1815	kV	< 2,0	< 2,0 (antistatic) Antistatic - class 2

The product has emission class M1 for building materials.



Warranty and maintenance

Residential warranty
Commercial warranty
Warranty conditions
Care and maintenance

Lifetime
10 years
see www.berryalloc.com
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