

Version: 06/2020

product description

Dimensions	2410 x 303 x 10,3 + 2 mm		
Packing	3 boards in each pack = 2,1907 m ² (weight: 22,3 kg)		
Build up	<ul style="list-style-type: none"> • surface layer High pressure decorative laminate. Paper impregnated with melamine & phenol resins. • substrate High Density Fibreboard, HDF WaterResist (moisture resistant). TSCA Title VI compliant. • backing Spantex – engineered balancing foil. • underlay material BerryAlloc SilentSystem, attached to the reversed side of the board. 		
Edge sealing	Impregnated edges.		
Installation	Glue-less aluminium locking system (AluLoc), installed floating according to the installation instructions.		
Classification	According to EN 685	<ul style="list-style-type: none"> • Class 23: Heavy residential use • Class 34: Very heavy commercial use 	

general requirements

Characteristics	Test standard	Units	Requirements	Typical values
Thickness of the element, t (incl. pre-attached underlay)	EN 13329	mm	$\Delta t_{average} \leq 0,50$ $t_{max} - t_{min} \leq 0,80$	< 0,20 < 0,50
Length of the surface layer, l	EN 13329	mm	$\Delta l < 0,5$	< 0,20
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
Squareness of the element, q	EN 13329	mm	$q_{max} < 0,20$	< 0,10
Straightness of the surface layer, s	EN 13329	mm/m	$s_{max} < 0,30$	< 0,20
Flatness of the element width fw and length fl	EN 13329	%	$f_{w-concave} \leq 0,15$ $f_{w-convex} \leq 0,20$ $f_{l-concave} \leq 0,50$ $f_{l-convex} \leq 1,00$	$\leq 0,10$ $\leq 0,15$ $\leq 0,20$ $\leq 0,20$
Openings between elements, o	EN 13329	mm	$o_{average} \leq 0,15$ $o_{max} - o_{min} \leq 0,20$	< 0,10 < 0,15
Height difference between elements, h	EN 13329	mm	$h_{average} \leq 0,10$ $h_{max} - h_{min} \leq 0,15$	$\leq 0,10$ $\leq 0,15$
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
Light fastness	EN 20105-A01 EN ISO 105-A02	Grade scale Grade scale	Grey scale : ≥ 4 Blue wool scale : ≥ 6	> 4 > 6
Static indentation	EN 433		No visible change	No visible change
Surface soundness	EN 13329	N/mm ²	$\geq 1,50$	$\geq 1,80$

Definitions:

$\Delta t_{average} = |t_{nominal} - t_{average}|$

$\Delta w_{average} = |w_{nominal} - w_{average}|$

$\delta l_{average} = \text{dimensional variations, l}$

$\delta w_{average} = \text{dimensional variations, w}$

$\Delta l = |l_{nominal} - l_{measured}|$

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classification requirements

Characteristics	Test standard	Units	Requirements	Typical values
Abrasion resistance	EN 13329	Revolutions	AC 6: IP > 8.500	IP > 8.500
Impact resistance	EN 13329	mm N	≥ 1600 ≥ 20	≥ 2000 ≥ 25
Resistance to staining	EN 438.2.26	Rating ¹⁾	Group 1, 2 & 3: 5	5
Resistance to cigarette burns	EN 438.2.30	Rating ¹⁾	5	5
Effect of a furniture leg	EN 424		No visible damage when tested with foot type 0	No visible damage
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
Thickness swelling	EN 13329	%	≤ 8	≤ 7
Locking strength, short side	ISO 24334	kN/m	fs0,2 / fl0,2 ≥ 3,5	f0,2 ≥ 4,0 fmax ≥ 15,0
Dimensional variations and stability after exposure to humid and dry climate conditions	ISO 24339	% % mm mm	dw average, dl average ≤ 0,15 -0,20 ≤ Coverage ≤ 0,25 JL max, JS max ≤ 0,15 hL max, hS max ≤ 0,15	≤ 0,10 ≤ ABS. 0,20 ≤ 0,05 ≤ 0,10

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

other technical data

Characteristics	Test standard	Units	Requirements	Typical values
Formaldehyde emission	EN 717-1	mg/m ³	E1: < 0,124	E1: < 0,03
4.2 VOC	ENV 13419-2	µg/m ² h	-	< 10 (672 h)
Resistance to scratching	EN 438.2.25	Rating ¹⁾	-	≥ 3
Reaction to fire	EN 13501-1	Class	-	Bfl – s1
Thermal resistance	DIN 52612-3	m ² K/W	-	0,13
Step sound reduction	ISO 717-2	dB	-	≥ 19
Humidity	EN 322	%	4–10 ± 1,5 ²⁾	6,0 ± 1,0 ²⁾
Slip resistance	EN 13893	µ	≥ 0,30	≥ 0,50: Slip resistant (DS)
Static electrical propensity	EN 1815	kV Class	< 2,0 -	< 2,0 Antistatic

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

²⁾ = Max. tolerance within one shipment.



Certificates:
The product has emission class M1 for building material.
Sustainability of forests: PEFC/03-31-89
Environmental: EPD-BAC-20150179-CBA1-EN
Declaration Of Performance (DOP): 110-GC3420-1

Warranty:
Residential use: Lifetime, Commercial use: 10 years.
For detailed conditions kindly visit www.berryalloc.com.

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Alloc AS, Fiboveien 26 N-4580 Lyngdal, Norway DOP: 110-GC3420-1
EN 14041
Notified Body: 0766
Laminate floor covering Indoor use
Reaction to fire: Bfl-s1
Content of Pentachlorophenol: DL
Formaldehyd emissions: E1
Slip resistance: DS
Electrical behavior (kV): 1,1 - 1,6
Thermal conductivity [W/mK]: 0,13
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ISO 9001 Alloc AS
ISO 14001 Fiboveien 26, N-4580 Lyngdal, Norway

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