

## 1 PRODUCT DESCRIPTION

**Format** 2030 x 209 x 9 mm

**Packing** 5 pieces each pack = 2,12m<sup>2</sup> (18kg )  
 52 packs each pallet = 74,67m<sup>2</sup> (940kg)  
 (13 rows of 4 packs per row / palletheight : ±740mm)

**Build-up**

- Surface Layer: Direct Laminated Papers. Papers impregnated with melamine resin.
- Substrate: Moisture-resistant High Density Fibreboard, HDF.
- Backing: Direct Laminated Paper. Paper impregnated with melamine resin.

**Features**

4 sided Vgroove  
BerryLoc Plus: installation in one single motion Produced under license from Välinge Innovation

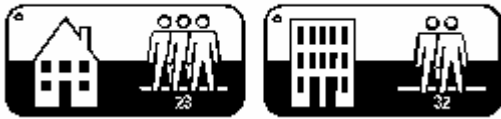
AB

Protected by EP Patent EP1650375B

**Installation**

Glue-less mechanical locking system produced under the Välinge Innovation AB Patents  
 No. EP 0969164, US 5706621, US 6516579

**Classification**, according to EN 685:



## 2 TECHNICAL DATA

Characteristics	Method	Units	Requirements	Typical values
Formaldehyde - content	EN 120	mg/ 100 g	-	6,5
- emission	EN 717-2	mg/m <sup>2</sup> h	< 3,5	0,3

## 3 CLASSIFICATION REQUIREMENTS

Characteristics	Method	Units	Requirements	Typical values
Abrasion class	EN 13329		AC 4: IP ≥ 4000	IP ≥ 4000
Impact resistance	EN 13329		≥ IC 2	IC 2
Resistance to staining	EN 438.2.15	Rating <sup>1)</sup>	Group 1 & 2: 5 Group 3 : 4	5 4
Resistance to cigarette burns	EN 438.2.18	Rating <sup>1)</sup>	4	4
Effect of furniture leg	EN 424		No damage with type 0 indenter	No damage with type 0 indenter
Effect of castor chair	EN 425		No damage or visible change in appearance.	No damage or visible change in appearance, at 25.000 rev
Thickness swelling	EN 13329	%	≤18	≤10

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

## 4 GENERAL REQUIREMENTS

Characteristics values	Test standard	Units	Requirements	Typical
Thickness of element, t	EN 13329	mm	$\Delta t_{\text{average}} \leq 0,5$ $t_{\text{max}} - t_{\text{min}} \leq 0,5$	< 0,2
Length of surface layer, l	EN 13329	mm	$\Delta l \leq 0,5$ mm	< 0,5
Width of surface layer, w	EN 13329	mm	$\Delta w_{\text{average}} \leq 0,1$ $t_{\text{max}} - t_{\text{min}} \leq 0,2$	< 0,1 < 0,2
Squareness, q	EN 13329	mm	$q_{\text{max}} \leq 0,2$	< 0,2
Straightness of surface layer, s	EN 13329	mm/m	$s_{\text{max}} \leq 0,3$	< 0,2
Flatness - width $f_w$ , and length $f_l$	EN 13329	%	$f_{w\text{-concave}} \leq 0,15$ $f_{w\text{-convex}} \leq 0,20$ $f_{l\text{-concave}} \leq 0,50$ $f_{l\text{-convex}} \leq 1,00$	$\leq 0,10$ $\leq 0,15$ $\leq 0,20$ $\leq 0,20$
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
Height diff. betw. elements, h	EN 13329	mm	$h_{\text{average}} \leq 0,10$ $h_{\text{max}} - h_{\text{min}} \leq 0,15$	$\leq 0,10$ $\leq 0,15$
Dimensional variations, after changes in RH	EN 13329	mm	$\delta l_{\text{average}} = \delta w_{\text{average}} \leq 0,9$	$\leq 0,6$
Light fade	EN 20105	Scale	Grey scale : $\geq 4$ Blue wool scale: $\geq 6$	$\geq 4$ $\geq 6$
Static indentation	EN 433		No visible change	No visible change
Surface soundness	EN 311	N/ mm <sup>2</sup>	$\geq 1,00$	$\geq 1,20$
Definitons:	$\Delta t_{\text{average}} =  t_{\text{nominal}} - t_{\text{average}} $ $\Delta w_{\text{average}} =  w_{\text{nominal}} - w_{\text{average}} $	$\Delta l =  l_{\text{nominal}} - l_{\text{measured}} $	$\delta l_{\text{average}} = \text{dimensional variations, l}$ $\delta w_{\text{average}} = \text{dimensional variations, w}$	