

# Technical Specifications

## BERRY FLOOR

L a m i n a t e

### Naturals

#### 1. PRODUCT DESCRIPTION

- Format** 1285 x 186 x 8 mm
- Packing** 8 pieces each pack = 1,91 m<sup>2</sup> (14 kg)  
56 packs each pallet = 107,08 m<sup>2</sup> (820 kg)  
(14 rows of 4 packs per row / pallet height: ± 1100 mm)
- 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** BerryLOC® / WoodStructure®+ / MicroWoodView® / MatLook®
- Installation** Glueless mechanical locking system produced under the Välinge Innovation AB Patents No. EP 0969164, US 5706621, US 6516579 installed floating (see installation description)

**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>3</sup> h	< 3,5	0,3

#### 3. CLASSIFICATION REQUIREMENTS

Characteristics	Method	Units	Requirements	Typical values
Abrasion class	EN 13329		AC 4: ≥4.000	≥4.000
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	No damage
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".

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#### 4. GENERAL REQUIREMENTS

Characteristics	Test standard	Units	Requirements	Typical values
Thickness of element, t	EN 13329	mm	$\Delta t_{\text{average}} \leq 0,5$	< 0,2
			$t_{\text{max}} - t_{\text{min}} \leq 0,5$	< 0,5
Length of surface layer, l	EN 13329	mm	$\Delta l \leq 0,5$ mm	< 0,5
Width of surface layer, w	EN 13329	mm	$\Delta w_{\text{average}} \leq 0,1$	< 0,1
			$t_{\text{max}} - t_{\text{min}} \leq 0,2$	< 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	%	$f_{w\text{-concave}} \leq 0,15$	$\leq 0,10$
			$f_{w\text{-convex}} \leq 0,20$	$\leq 0,15$
			$f_{l\text{-concave}} \leq 0,50$	$\leq 0,20$
			$f_{l\text{-convex}} \leq 1,00$	$\leq 0,20$
Openings between elements, o	EN 13329	mm	$o_{\text{average}} \leq 0,15$	< 0,10
			$o_{\text{max}} - o_{\text{min}} \leq 0,20$	< 0,15
Height diff. betw. elements, h	EN 13329	mm	$h_{\text{average}} \leq 0,10$	$\leq 0,10$
			$h_{\text{max}} - h_{\text{min}} \leq 0,15$	$\leq 0,15$
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: $\geq 4$	$\geq 4$
			Blue wool scale: $\geq 6$	$\geq 6$
Static indentation	EN 433		No visible change	No visible change
Surface soundness	EN 311	N/ mm <sup>2</sup>	$\geq 1,00$	$\geq 1,20$

#### Definitions:

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

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

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

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

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