

## DECLARATION OF PERFORMANCE 1/2021

**1. Unique trade name:**

**windowsills**

**2. Intended areas of applications:**

**In buildings newly built and renovated, inside the premises with the exception of those constantly exposed on water or steam (such as baths or pools).**

**3. Manufacturer:**

**Contact: Wallmann A/S**

**4. Assessment and verification system:**

**Wares and blanks are consistent with EN-438 and EN-312.**

**Windowsills are consistent with Hygienic Certificate Nr 120/322/121/2018 and Technical Approval ITB-KOT-2017/0263.**

**5. Declared performance:**

### LAMINATE CPL

Property	Test method	Property or attribute	Unit	Values
Thickness tolerance	EN 438-2.5	thickness (t)	mm	0,4 ±0,08 0,5 ≤t≤0,8 ±0,10 where t: is nominal
Resistance to surface wear	EN 438-2.10	wear resistance	revs	IP ≥150 A≥350
Resistance to impact stress with a small ball bearing	EN 438-2.20	Spring force	N	≥15
Resistance to dry heat (180 °C)	EN 438-2.16	appearance	rating	≥4
Resistance to scratching	EN 438-2.25	force	rating	≥3
Resistance to staining	EN 438-2.26	app.groups 1-2 appear.groups 3	rating	≥4
Resistance to steam	EN 438-2.14	appearance	rating	≥4
Density	ISO 1183	density	g/cm <sup>3</sup>	600-720
Lightfastness (Xenon arc lamp)	EN 438-2.27	Contrast	Gray scale	4-5
Swelling behaviour	DIN EN 317	appearance	-	24h max. 1%



				2h max. 4%
Bending strength	DIN EN 310	-	N/mm <sup>2</sup>	>9,0
Internal bond	DIN EN 319	-	N/mm <sup>2</sup>	>0,2
Surface soundness*	DIN EN 311	-	N/mm <sup>2</sup>	>=1,0

\*- values might be lower for full pearlescent decors and therefore these decors are not recommended for horizontal applications.

## **CHIPBOARD**

### **P2 according to EN-312 standard**

<b>Property</b>	<b>Requirement</b>	<b>Unit</b>	<b>Test Method</b>
Thickness tolerance	+/- 0,3	mm	EN 324-1
Length and width	±5	mm	EN 324-1
Tolerance on the mean density within a board	±10	%	EN 323
Internal bond	0,20 - 0,45	N/mm <sup>2</sup>	EN 319
Bending strength	7 - 13	N/mm <sup>2</sup>	EN 310
Modulus of elasticity in bending	1050 - 1950	N/mm <sup>2</sup>	EN 310
Formaldehyde content	E1	mg/100g	EN 120
Formaldehyde release	E1	mg/m <sup>3</sup>	EN 717-1
Adhesion	>0,8	N/mm <sup>2</sup>	EN 311
Rectilinearity	maximum 1,5	mm/m	EN 324-2
Right angle	<=2	mm/m	EN 324

\* The values are characterized by a moisture content in the material corresponding to a relative humidity of 65% and a temperature of 20°C

### **P3 according to EN-312 standard**

<b>Property</b>	<b>Requirement</b>	<b>Unit</b>	<b>Test Method</b>
Thickness tolerance	+/- 0,3	mm	EN 324-1
Length and width	±5	mm	EN 324-1
Tolerance on the mean density within a board	±10	%	EN 323
Internal bond	0,25 - 0,50	N/mm <sup>2</sup>	EN 319
Bending strength	7,5 - 15	N/mm <sup>2</sup>	EN 310
Modulus of elasticity in bending	1350 - 2050	N/mm <sup>2</sup>	EN 310
Formaldehyde content	E1	mg/100g	EN 120

Formaldehyde release	E1	mg/m <sup>3</sup>	EN 717-1
Swelling in thickness, 24h	12 - 25	%	EN 317
Rectilinearity	maximum 1,5	mm/m	EN 324-2
Right angle	<=2	mm/m	EN 324

\* The values for bending properties, internal bond and swelling in thickness are characterized by a moisture content in the material (before treatment in the case of swelling in thickness) and other parameters in the table corresponding to a relative humidity of 65% and a temperature of 20°C

### **P5 according to EN-312 standard**

<b>Property</b>	<b>Requirement</b>	<b>Unit</b>	<b>Test Method</b>
Thickness tolerance	+/- 0,3	mm	EN 324-1
Length and width	±5	mm	EN 324-1
Tolerance on the mean density within a board	±10	%	EN 323
Internal bond	0,25 - 0,50	N/mm <sup>2</sup>	EN 319
Bending strength	9 - 19	N/mm <sup>2</sup>	EN 310
Modulus of elasticity in bending	1550 - 2550	N/mm <sup>2</sup>	EN 310
Formaldehyde content	E1	mg/100g	EN 120
Formaldehyde release	E1	mg/m <sup>3</sup>	EN 717-1
Swelling in thickness, 24h	9 - 16	%	EN 317
Rectilinearity	maximum 1,5	mm/m	EN 324-2
Right angle	<=2	mm/m	EN 324

\* The values for bending properties, internal bond and swelling in thickness are characterized by a moisture content in the material (before treatment in the case of swelling in thickness) and other parameters in the table corresponding to a relative humidity of 65% and a temperature of 20°C

### **ADHESIVES**

**All adhesives used are consistent with EN 204.**

Position and signature