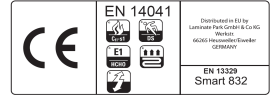




# SMART 832



## CLASSIFICATION REQUIREMENTS

Class 32

EC Declaration of Conformity:  
CE\_8mm\_RML\_antistatic

Abrasion resistance	EN 13329 Annex E	AC4
Impact resistance	EN 13329	IC 2
Resistance to staining	EN 438-2 Group 1 + 2	Grade 5
Resistance to cigarette burns	EN 438-2 Group 3	Grade 5
Effect of furniture legs	EN 424	No damage ( type 0 indenter test )
Effect of a castor chair	EN 425	No change in appearance or damage
Thickness swelling	EN 13329 Annex G	≤ 10,0%
Formaldehyde Emission	EN171-1	E1
Flame resistance	EN13501-1	Cfl - s1
Thermal resistance	DIN 52612-1	(+/-) = 0,070 m² K/W
Dynamic Coefficient of Friction	DIN EN 13893	ST56 / ST9 / EIR (ST41/42/43)
Electrical behaviour	EN 1815	0,56 / 0,52 / to come (class DS acc. to EN 14041) ≤ 2 kV

CHARACTERISTIC	TEST METHOD	REQUIREMENT TO THE NORM	UNIT	HDF
<b>PRODUCT</b>				
<b>TYPE</b>				Plank with T-Lock System
Density HDF-Board	EN 316		kg/m³	880-920
Thickness of element (t) thickness	EN 13329	nominal thickness +/- 0,5 mm t max - t min < 0,5 mm	mm	8,0 +/- 0,4
Length of the surface (l)	EN 13329	nominal length +/- 0,5 mm	mm	1292,0 +/- 0,2
Width of the surface (w) width	EN 13329	nominal width +/- 0,1 mm w max - w min < 0,2 mm	mm	194,0 +/- 0,1
Squareness of the element (q) squareness	EN 13329	q max < 0,2 mm	mm	< 0,1
Straightness of the surface layer (s) bananaform	EN 13329	s max 0,3 mm/m	mm	< 0,3
Flatness of the element flatness width (fw)	EN 13329 concave	< 0,15%	mm	≤ -0,30 (0,15%)
	convex	< 0,20%	mm	≤ 0,40 (0,20%)
flatness length (fl)	EN 13329 concave	< 0,50%	mm	≤ -6,50 (0,50%)
	convex	< 1,00%	mm	≤ 13,00 (1,00%)
Opening between elements (o) seam openings	EN 13329	o average < 0,15 mm o max = 0,20 mm	mm	o average < 0,15 o max = 0,20
Height difference between elements (h) height difference	EN 13329	h average < 0,10 mm h max = 0,15 mm	mm	h average < 0,10 h max = 0,15
EIR (ST41/ST42/ST43) - Tolerance register offset			mm	+/- 2mm
Dimensional variations after change R.H. (delta l; delta w) dimensional variations	EN 13329	delta l average = delta w average < 0,9 mm	mm	< 0,9
Light fastness blue wool scale part B02	EN ISO 105	> level 6		> level 6
grey scale part A02	EN 20105	> level 4		> level 5
Static indentation static indentation with a straight steel cylinder (diameter 11,30 mm)	EN 433	no visible change with indentation < 0,01 mm		no visible change with indentation < 0,01 mm
Surface soundness surface soundness	EN 13329	> 1,00 N/mm²	N/mm²	> 1,8

## TECHNICAL & LOGISTICS INFO

Product Code	8178 / 8179 / 8185
Profile	Locking system produced under license of Välinge Innovation AB
Silicon treated edges	TECH3S
Garanty	25 years / 5 years for commercial use
Nb of planks per Box	8
m²/Box	2,005
kg/m²	7,6
Nb of Boxes / Palette	56
m² / Palette	112,280
Dimensions of planks	1292x194

Date: 01.03.2009