

# Välinge Flooring Hardened Wood

Brushed UV coating

**Level of use domestic: EN ISO 10874 Class General Residential**


Woodura®	Hardened Wood
Construction	Engineered wood surface w/cured wood composite core and wood backing
Surface finishing	UV cured acrylic

General properties	XL	XXL
Thickness (mm/inches)	11,3 mm / .445"	11,3 mm / .445"
Width (mm/inches)	206 mm / 8.1"	271 mm / 10.7"
Length (mm/inches)	2200 mm / 86.6"	2378 mm / 93.6"
Wear layer thickness (mm/inches)	0,6 mm / .02"	0,6 mm / .02"
Boards per box	4	3
m <sup>2</sup> per box / sqft per box	1,8 / 19.51	1,9 / 20.81
m <sup>2</sup> per pallet / sqft per pallet	87 / 937	92,8 / 999
Weight/ m <sup>2</sup> (kg / lbs)	11 / 24	11 / 24
Weight/ box (kg / lbs)	20,1 / 44.3	21,7 / 47.8

Classification and safety properties	Standard test method	Result
Fire resistance	EN 13501	Bfl-S1 (hardly flammable)
Smoke density	ASTM E662	316 Flaming / 255 non-flaming
Critical radiant flux	ASTM E648	Class I - 0.82 W / cm <sup>2</sup>
Thermal resistance	EN 12664 / 12667	R 0.07 (m <sup>2</sup> x K)/W
Thermal conductivity	ASTM C518	1.2472 Vlu in. /h ft <sup>2</sup> F
Formaldehyde emission	EN 717-1	E1 ≤0,1 ppm (typical value ≤ 0,05 ppm)
Carb Phase 2 Compliant	ASTM D6007-14	Yes
Brinell hardness	EN 1534	10 HB (average value)
Impact resistance	EN 14354	EC3
Thickness swell	EN 13329 / ISO 24336	5% Class 34 (≤8%)
Taber abrasion resistance	EN 14354	>1000 revolutions*
Sound transmission loss (STC) 8" slab only	ASTM E336/E413	55
Impact isolation class (IIC) 8" slab only	ASTM E492/E989	55
Slip resistance (COF)	ANSI A137.1/A326.3	wet: 0.73 (average value)

Installation properties	
Installation method	Floating or glue down application
Installation instructions	Download from <a href="http://www.ValingeFlooring.com/downloads">www.ValingeFlooring.com/downloads</a>
Underlayment	Foam with CS > 60kPa & CC > 20 kPa (according to EN 16354)**
Care & maintenance instructions	Download from <a href="http://www.ValingeFlooring.com/downloads">www.ValingeFlooring.com/downloads</a>

Wall Panels/Wall Mount		
Surface burning characteristics for building materials	ASTM E84-19b	Class C (Type III)

\* When tested on a flat surface    \*\* For demanding applications

