

# Välinge Flooring | Hardened Wood

Level of use Domestic: EN ISO 10874 Class Heavy Residential



Level of use Commercial: EN ISO 10874 Class Light Commercial



Woodura®	Hardened Wood
Construction	Engineered- Wood Surface w/Cured Wood Composite Core & Birch Backing
Surface Finishing	UV Cured Acrylic

General Properties	Professional	XL	XXL
Thickness (mm/inches)	11,3 mm / .44"	11,3 mm / .44"	11,3 mm / .44"
Width (mm/inches)	183 mm / 7.2"	206 mm / 8.1"	271 mm / 10.7"
Length (mm/inches)	2000 mm / 78.7"	2200 mm / 86.6"	2378 mm / 93.6"
Wear Layer Thickness (mm/inches)	0,6 mm / .02"	0,6 mm / .02"	0,6 mm / .02"
Boards Per box	5	4	3
m <sup>2</sup> per box / sqft per box	1,8 / 19.7	1,8 / 19.5	1,9 / 20.8
m <sup>2</sup> per pallet / sqft per pallet	100,7 / 1084	87 / 937	92,8 / 999
Weight/ m <sup>2</sup> (kg / lbs)	11 / 24	11 / 24	11 / 24
Weight/ box (kg / lbs)	18,5 / 40.8	20,1 / 44.3	21,7 / 47.8

Classification & Safety Properties	Standard Test Method	
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
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 (CS-10 abrasive wheels)	ASTM D4060	>5000 cycles w/out breakthrough
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)

\* For demanding applications

