

# Slate Hardened Wood Flooring



**Level of use domestic:** **EN ISO 10874** Heavy residential (Class 23)



**Level of use commercial:** **EN ISO 10874** Very heavy commercial (Class 34)



<b>Slate</b>	
Construction	Wood flooring which utilizes powder technology to create a durable surface with a texture with cured wood composite core.

General properties	Slate Tiles
Thickness (mm)	10.5
Width (mm)	280
Length (mm)	582
Wear layer thickness (mm)	0.4
Edge solution	Decorative groove with bevel
Locking system	5G Dry
Boards per box	8
m <sup>2</sup> per box	1.3
m <sup>2</sup> per pallet	70.4
Weight per m <sup>2</sup> (kg)	10
Weight per box (kg)	13

Classification and safety properties	Standard test method	Result
Impact resistance	EN 17142	> 20N small ball > 1600mm big ball
Wear resistance	EN 17142	AC6
Thermal resistance	EN 12664	$R < 0.10 (m^2 \times K)/W$
Stain resistance	EN 438-2	Group 1: grade 5 Group 2: grade 5 Group 3: grade 4
Slip resistance	EN 13893	$\mu \geq 0,3$
Indent after constant load	EN 17142	No visible changes
Castor resistance	EN 425	No visible changes or damages with soft standard castors
Effect of a furniture leg	EN 424	No visible damage
Thickness swelling	ISO 24336	< 8 % (typical value 6 %)
Locking strength	ISO 24334	$f_{s,0.2} > 5.0 \text{ kN/m}$ $f_{max} > 5.0 \text{ kN/m}$

Due to the nature of the material this table shows typical values.

Installation properties	
Installation method	Floating installation, Välinge 2G/5G®
Installation instructions	Download from <a href="http://www.nadura.se">www.nadura.se</a>
Underfloor heating compatible	Maximal floor surface temperature 27°C
Underlayment material	Foam with CS > 60 kPa & CC > 5 kPa
Care & Maintenance products	Download from <a href="http://www.bjelin.com">www.bjelin.com</a>



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