

Timber Hardened Wood Flooring



Pro Lacquer

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



Level of use commercial: **EN ISO 10874** Class Heavy Commercial (Class 33)



Timber	Hardened Wood
Construction	Engineered wood surface with cured wood composite core and wood backing
Surface treatment	UV cured acrylic

General properties	S	M	L	XL	XXL	Herringbone A + B
Thickness (mm/inches)	9/0.362	9/0.362	9/0.362	11/0.445	11/0.445	11/0.445
Width (mm/inches)	151/5.94	151/5.94	180/7.09	206/8.1	271/10.7	91/3.58
Length (mm/inches)	1170/46.06	2000/78.74	2000/78.74	2200/86.6	2378/93.6	546/21.49
Wear layer thickness (mm/inches)	0.6/0.024	0.6/0.024	0.6/0.024	0.6/0.024	0.6/0.024	0.6/0.024
Micro bevel	long- and short side	long- and short side	long- and short side	long- and short side	long- and short side	long- and short side
Locking system	5G Dry	5G Dry	5G Dry	5G Dry	5G Dry	5G
Boards per box	9	7	7	4	3	22
m2/sqft per box	1.6/17.1	2.1/22.8	2.5/27.1	1.8/19.51	1.9/20.81	1.09/11.73
m2/sqft per pallet	55.7/599.01	95.13/1024.0	90.7/976.5	87/937	93/999	52.47/564.8
Weight per m2 (kg/lbs)	9/19.9	9/19.9	9/19.9	11/24	11/24	11/24
Weight per box (kg/lbs)	14.3/31.6	19.1/42	22.7/50.1	20/44.3	22/47.8	12/26.5

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 / cm2
Thermal resistance	EN 12664 / 12667	R 0.07 (m2 x K)/W
Thermal conductivity	ASTM C518	1.2472 Vlu in. /h ft2 F
Formaldehyde emission	EN 717-1	E1
Carb Phase 2 Compliant	ASTM D6007-14	Yes
Brinell hardness	EN 1534	S M L 8 HB XL XXL Herringbone 10 HB (average value)
Impact resistance	EN 14354	EC3
Thickness swell	EN 13329 / ISO 24336	S M L <10% XL XXL Herringbone <8%
Taber abrasion resistance	EN 14354	>6000 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 www.bjelin.com
Underlayment	Foam with CS > 60kPa & CC > 20 kPa (according to EN 16354)*
Care & maintenance Instructions	Download from www.endurematerials.com

* For demanding applications



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