Bjelin Hardened Wood
UV coating

BJELIN

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 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^2 per box/sqft per box	1.8 m^2/19.51 sqft	1.9 m^2/20.81 sqft
m^2 per pallet/sqft per pallet	87 m^2/937 sqft	92.8 m^2/999 sqft
Weight per m^2 (kg/lbs)	11 kg/24 lbs	11 kg/24 lbs
Weight per box (kg/lbs)	20.1 kg/44.3 lbs	21.7 kg/47.8 lbs

Classification and safety properties	Standard test method	Result
Fire resistance	EN 13501	Bfl-S1 (hardly flammable)
Smoke density	ASTM E662	316 Flaming / 255 non-flamming
Critical radiant flux	ASTM E648	Class I - 0.82 W / cm^2
Thermal resistance	EN 12664 / 12667	R 0.07 (m^2 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	10 HB (average value)
Impact resistance	EN 14354	EC3
Thickness swell	EN 13329 / ISO 24336	<8%
Taber abrasion resistance	EN 14354	>2000 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.bjelin.com	

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

* For demanding applications

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