

TECHNICAL DATA SHEET

Vinyl Planks

Product specification

ASTM F3261-17 Class I, Type B, Grade 1, Backing class B

Construction

SPC - Rigid polymeric core - modular resilient flooring

Surface finishing

UV cured acrylic

ISO 10874 Class 23:

Heavy Domestic Use



ISO 10874 Class 33:

Heavy Commercial Use



General properties	Bjelin Vinyl Planks	Standard test method
Thickness (mm/inches)	6.5 mm = 1/4"	ASTM F387
Width (mm/inches)	228 mm/9"	ISO 24337
Length (mm/inches)	1830 mm/72"	ISO 24337
Wear layer thickness (mm/inches)	20 mil (0.55 mm)/0.02"	ASTM F410
Boards per box	5	
m² per box/sq.ft per box	2.09/22.46	
m² per pallet/sq.ft per pallet	100.2/1078.4	
kg/m²	9.13	
lbs/sq.ft	1.87	
Box kg	19.7	
Box lbs	43.33	

Classification and safety properties	Bjelin Vinyl Planks	Standard test method
Dimensional stability	Pass - max < 0.2%/linear ft (305 mm)	ISO 23999
Curling	Pass - <1 mm	ISO 23999
Effect of Castor Chair	Pass - 25 000 rev	ISO 4918
Residual indentation	Pass - <0.18 mm(34 kg, 6.35 mm flat foot)	ASTM F1914
Static load	Pass - <0.13 mm indent, 250 lb/N²	ASTM F970
Surface integrity	No puncture through wear layer/decor into core	ASTM F1914
Resistance to chemicals	Pass	ASTM F925
Resistance to heat	Pass	ASTM F1514
Resistance to light	Pass	ASTM F1515
Static coefficient of friction	Dry: >0.6	ASTM D2047
Critical Radiant flux	Class 1 : ≥ 0.45 W/cm²	ASTM E648
Phthalates & heavy metals	Phthalates and heavy metals below the detection limit	According to CPSIA and ASTM F963

Sound properties	Bjelin Vinyl Planks	Standard test method
Sound transmission class	54	ASTM F90
Impact insulation class	53	ASTM E492
Sound transmission reduction	20	ASTM E2179

Installation properties	
Installation method	Floating 5G Dry
Installation instructions	Download from bjelin.com/en/support/products/vinyl-planks
Care & maintenance instructions	Download from bjelin.com/en/support/products/vinyl-planks

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