TECHNICAL DATA SHEET

Bjelin – Rigid Core

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 Rigid Core	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 Rigid Core	Standard test method
Dimensional stabillity	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
Sustainabillity VOC	Greenguard Gold Certified	
Phthalates & heavy metals	Pthalates and heavy metals below the detection limit	According to CPSIA and ASTM F963

Sound properties	Bjelin Rigid Core	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/rigid-core	
Care & maintenance instructions	Download from bjelin.com/en/support/products/rigid-core	

Licensed by Välinge

LITE/BACK

5G DRY Licensed by Välinge

UL GREENGUARD
PRODUCT CERTIFIED FOR LOW CHEMICAL EMISSIONS UL.COM/GG UL 2818
GOLD

BJELIN

us-sales@bjelin.com | www.bjelin.com