

Bjelin – Rigid Core



Product specification

ISO 10582:2017

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)	6.60 mm = 1/4"	EN ISO 24346:2012
Width (mm/inches)	228.6 mm/9"	ISO 24337
Length (mm/inches)	1830 mm/72"	ISO 24337
Wear layer thickness (mm/inches)	20 mil (0.55 mm)/0.02"	EN ISO 24340:2012
Boards per box	5	
m ² per box/sq.ft per box	2.09/22.46	
m ² per pallet/sq.ft per pallet	100.2/1078.4	
kg/m ²	9.10	EN ISO 24346:2012
lbs/sq.ft	1.87	
Box kg	19.7	
Box lbs	43.33	

Classification and safety properties	Bjelin Rigid Core	Standard test method
Dimensional stability	Pass - max < 0.2%/linear ft (305 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)	EN ISO 24343-1:2012
Furniture leg	Pass - <0.13 mm indent, 250 lb/N ²	EN ISO 16581:2019
Resistance to chemicals	Pass	EN ISO 26987:2012
Scuff resistance	Pass	EN 16094
Wear resistance	Pass	EN 13329-Annex E
Static coefficient of friction	Dry: >0.6	EN 13893:2033
Critical Radiant flux	Class 1 : ≥ 0.45 W/cm ²	EN ISO 9239-1:2010
Sustainabillity VOC	Greenguard Gold certificate and M1	EN 16516
Phthalates & heavy metals	Compliant, not actively added	EN 14041:2018 Annex E
Impact resistance	Pass 1800 mm	EN 13329:2006+A1:2008-08, Annex F

Sound properties	Bjelin Rigid Core	Standard test method
Impact sound insulation	19 dB	EN ISO 10140
Radiated walking sound	82 dB	EN 16205

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

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