

BIYORK HydroGen 7

Go Ahead Make a Splash

Introducing our Waterproof Vinyl floors, functional aesthetics made for living. Whether you choose to install in an entrance, basement, bathroom, or kitchen, HydroGen can handle anything life throws at it.

Essentially Speaking

HydroGen 7 offers an essential thickness of 7mm, giving the floor great stability, durability, and comfort with our ultra quiet, ultra silent UnderTone pad.

Floor armor for life's adventures

TrueShield™ is a coating layer that provides scratch, stain and wear resistance. Biyork's proprietary wear layer blend ensures enhanced protection, performance, and prolonged lifespan of the flooring.

Specifications

100% Waterproof Flooring

9" Width x 60" Length x 7mm Overall Thickness

0.5mm Wear Layer

IIC Rating 72

80ft x 80ft Max Install Area w/o Transition

Stability With temperature Swings of -30°C to +50°C

Embrace Silence With Biyork UnderTone Underlayment For Maximum Comfort

I4F Click System

On, Above & Below Grade Floor

Radiant Heat System Compatible



NSCScertified



TRUESHIELD



Accessories



T-mold



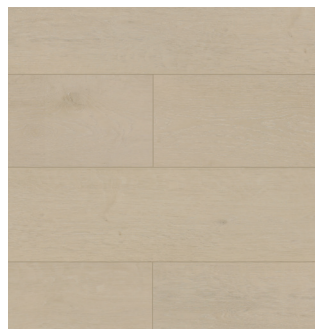
Reducer



Stairnose

www.biyorkcanada.com

Biyork product specifications are subject to change. Please refer to a physical sample for reference. All rights reserved 2024.



Opal Horizon



Early Dawn



Kashmir



Daliwood



Me Siento



La Luna



Dockside



Winter in Zurich

Standard Features



Simply Waterproof



True Touch Texture



UnderTone Underlay

SIMPLY WATERPROOF FLOORS

HydroGen 7

BIYORK HYDROGEN 7 TECHNICAL DATA									
PRODUCT INFORMATION									
Plank Size (Length x Width x Height)		Edge Profile	Finish	Underlayment	Wear Layer	Gloss Level	Construction	Installation	Radiant Heat
60" X 9" X 7mm 1524 X 228 X 7mm		Painted Bevel	Embossed-in-Register *Early Dawn - Smooth Finish	1.5mm IXPE	20mil / 0.5mm	5-7°	SPC	I4F Click Float	Approved
WARRANTY		PACKAGING							
Residential	Commercial	Planks Per Carton	Square Footage Per Carton	Carton Dimensions (Length x Width x Height)		Carton Weight	Cartons Per Pallet	Square Footage Per Pallet	
35 Years	10 Years	6	22.44 SF	1531 X 235 X 44mm		24 KG	60	1346.4 SF	
TESTING									
Reference			ASTM Norms	Test Request			Result		
Expansion After Exposure to Heat (50°C)			ASTM F2199-09	≤0.6mm/m			≤0.15mm/m		
Impact Sound Reduction (IIC)			ASTM E492-09	Based on actual data			IIC=72*		
Sound Transmission Class (STC)			ASTM E90-09	Based on actual data			STC=73*		
*Sound Ratings were achieved in a lab environment. For accurate sound ratings, on-site testing must be done.									
Reference			ASTM Norms	Test Request			Result		
Determination of Thickness			ASTM F387-17	Tmax-Tmins0.5mm, ΔTavg: ≤0.5mm			Tmax-Tmins0.4mm, ΔTavg: ≤0.2mm		
Determination of Squareness			ASTM F2055-17	Qmax≤0.25mm			Qmax≤0.1mm		
Determination of Straightness				Smax≤0.25mm			Smax≤0.1mm/m		
Thickness + Wear Layer			ASTM F410	0.018 in. (0.48mm) minimum			0.018 in. (0.48mm) minimum		
Resistance to Heat			ASTM F1514	ASTM F1700, 6.9 Not greater than 8.0 after 7 day exposure to 158°F (70°C)			ΔE ≤ 8		
Resistance to Light			ASTM F1515	ASTM F1700, 6.10 Not greater than 8.0 after a 300 hour exposure			ΔE ≤ 8		
Residual Indentation			ASTM F1914	Residual Indentation ≤ 8%			Residual Indentation ≤ 8%		
Formaldehyde Emission			ASTM D6007-14	Follow Test Report			Not Detected		
Residual Indentation Static Load			ASTM F970-17	250 psi, ≤ 0.005 inch			250 psi, ≤ 0.005 inch		
Castor Chair Resistance			NALFA LF 01-2011	No Visible Damage			No Visible Damage		
Wear Resistance			ASTM D4060-19	Follow Test Report			Wear Index<50.6 (1000*mg/cycle)		
Dimensional Stability and Curling			ASTM F2199-09	Max : MD&CD :1.67mm/m² Curling: 2.0mm			Average : MD : 0.6mm/m CD:0.5mm/m, Curling: 0.4mm		
Classification of Smoke Development (Flammability Test)			ASTM E648-10	Follow Test Report			Class I		
Vertical Burning			UL 94-2013	Follow Test Report			V-0		
Slip Resistance			ASTM D2047-11	Follow Test Report			Dry: 0.86 Wet: 0.65		
Peel Resistance			ISO 24345-2006	X Direction: 100N/50mm Y Direction 75N/50mm			X Direction: 150N/50mm, Y Direction 125N/50mm		
Resistance to Chemicals			ASTM F925-13	Slight Change maximum in Surface Dulling, Surface Attack, or Staining			Rating: 0 No Change		
Soluble Heavy Metal			ASTM F963	≤100PPM			Not Detected (≤60PPM)		
VOC			Floorscore	Pass			Pass		
Dimensional Stability of Resilient Floor Tile after Exposure to Heat			ASTM F2055-17	Squareness = 0.010 inch (0.25 mm) maximum) Size and Tolerance = + 0.016 inch/linear foot (0.4 mm/305)			≤ 0.010 in/lin ft ≤0.08%)		
Phthalate			ASTM F963	≤1000PPM			Not Detected (≤60PPM)		