

BIYORK   HydroGen 6   Technical Data									
Plank Size (Length x Width x Height)		Bevel	Finish	Underlayment	Gloss Level	Installation	Overall Thickness	Wear Layer Thickness	Radiant Heat
1220mm*180mm*6.0mm 600mm*300mm*6.0mm		Microbevel	Antique Wood Texture/Slate Texture	HD IXPE 1mm	5-7°	Click Floating	6.0mm	0.5mm	Approved for water(temperatures50C) based radiant heat systems
WARRANTY:		PACKAGING:						PALLET:	
Residential	Commercial	Planks/ Carton	Coverage/ Carton	Carton Dimensions (Length x Width x Height)		Carton Weight	Cartons/ Pallet	Coverage/ Pallet sqft	
30years	10years	10	23.64sqft 23.25sqft 19.38sqft	1230mm X 189mm X 63mm 1500mm X 180mmX6.0mm 610mm X 309mm X 63mm		22kg/18.5kg	45/54	1064 sqft/1047 sqft	
TESTING:									
Reference			ASTM Norms			Test Request		Result	
Expansion After Exposure to Heat (50°C)			ASTM F2199-09			≤ 0.6mm/m		Pass	
Impact sound reduction (IIC)			ASTM E492-09			Based on actual data		IIC=72	
STC rating			ASTM E90-09			Based on actual data		STC=68	
Reference			ASTM Norms			Test Request		Result	
Determination of Thickness:			ASTM F387 - 17			Tmax-Tmin≤0.5mm, ΔTavg: ≤0.5mm		Pass	
Determination of Squareness:			ASTM F2055 - 17			Qmax≤0.25mm		Pass	
Determination of Straightness:						Smax≤0.25mm		Pass	
Thickness,wear layer			ASTM F410			0.011 in. (0.27 mm) minimum		Pass	
Resistance to heat			ASTM F1514			ASTM F1700, 6.9 Not greater than 8.0 after 7 day exposure to 158°F (70°C)		Pass	
Resistance to light			ASTM F1515			ASTM F1700, 6.10 Not greater than 8.0 after a 300 hour exposure		Pass	
Residual indentation			ASTM F1914			Residual Indentation ≤ 8%		Pass	
Formaldehyde Emission:			ASTM D6007 - 14			Follow Test Report		Not Detected	
Residual Indentation Static Load:			ASTM F970-17			250 psi, ≤ 0.005 inch		Pass	
Castor Chair Resistance:			NALFA LF 01-2011			No visible damage		No visible damage	
Wear Resistance:			ASTM D4060 - 19			Follow Test Report		Pass	
Dimensional Stability and Curling:			ASTM F2199-09			Max : MD&CD : 1.67mm/m 2 Curling: 2.0mm		Pass	
Classification of Smoke Development (Flammability Test):			ASTM E 648-10			Follow Test Report		Class I	
Vertical Burning			UL 94-2013			Follow Test Report		V-0	
Slip Resistance:			ASTM C1028-07			Follow Test Report		Pass	
Peel Resistance:			ISO 24345-2006			X Direction: 100N/50mm, Y Direction 75N/50mm		Pass	
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		Pass	
VOC			FLOOR SCORE			PASS		Pass	
Dimensional Stability of Resilient Floor Tile after Exposure to Heat			ASTM F2055			Squareness = 0.010 inch (0.25 mm) maximum, Size and Tolerance = + 0.016 inch/linear foot (0.4 mm/305 mm)		Pass	
Phthalate			ASTM F963			≤1000PPM		Not Detected (≤60PPM)	

48" Planks - Dusty, Nudie, Chop, Creamy Beige, Tempted, Raw  
60" Planks - Almond Paste, Outback, Rock Cliffs, Lily Canvas

**www.BIYORKCANADA.COM**  
Biyork product specifications are subject to change.  
Please always refer to a physical sample for reference.  
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