

# BIYORK UNDERTONE BLUE 3MM EPE TECHNICAL DATA

## PRODUCT INFORMATION

Coverage	Dimension (Length x Width x Thickness)	Weight	Color	Description of Usage
200 SqFt/Roll	16.9m X 1.08m X 3.0mm EPE Foam	2.0 KG	Blue	Underlayment for Laminate and Floating Floors without pad attached
IIC (Impact Sound Transmission Test)		STC (Sound Transmission Loss Test)		Subfloor Compatibility
50db*		46db*		All Types

## DETECTION BASED

Reference	Test Method			Result
Cell Structure	None			Closed
Average Diameter of Cell	None			0.27mm
Apparent Density	ASTM D1817			69 (0.066 G/CM <sup>3</sup> )
Thickness	GB/T 6342-1996			3mm
Thickness Deviation	GB/T 6342-1996			0.05m
Acid Degree	GB/T 1690-2006			0
Tensile Strength	ASTM D412	Kpa	MD	950 (9.7KG F/CM <sup>2</sup> )
			TD	510 (5.2KG F/CM <sup>2</sup> )
Elongation	ASTM D412	%	MD	280
			TD	175
Tear Strength	ASTM D624	N/m	MD	3.9x10 <sup>3</sup> (4.0KG F/CM <sup>2</sup> )
			TD	2.9x10 <sup>3</sup> (3.0KG F/CM <sup>2</sup> )
Elasticity	GB/T 6670-1997			17%
Compression Set	GB/T 6669-2008			4.50%
Repeat Compression Set	GB/T 2819-2006			4%
Sound Absorption Coefficient	None			50db
Dimensional Change Under Heat (22 Hours under 70°C)	JIS K6767	%	MD	-1.03
		%	TD	-0.3
Water Absorption	ASTM D570			2.0KG/M <sup>2</sup>
STC Rating	ASTM E492-2009 ASTM E989-2006			46db*
IIC Rating	ASTM E492-2009 ASTM E989-2006			50db*

## Features

Compatible with all subfloor types
Pre-attached lip tape for fast and easy installation
3mm (EPE) thickness helps accommodate uneven areas in the subfloor
Superior 50 IIC/46 STC sound rating for excellent sound reduction
Great sound above and below the floor, perfect for multi-unit homes and condominiums
Insulating EPE to provide the most natural sound and feel for your floating floor
Resist mildew and anti-microbial material
*Sound Ratings were achieved in a lab environment. For accurate sound ratings, on-site testing must be done.

[www.BIYORKCANADA.COM](http://www.BIYORKCANADA.COM)

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