

FUZION™

beyond expectation

Big Blue

 Underpad

For: Engineered Wood, Laminate and All Floating Floors

3MM CROSSLINKED IXPE UNDERLAYMENT - SPECIFICATIONS

IIC Rating	77
FIIC Rating (Field Test)	67
STC Rating	76
% of Sound Transmission Loss	70% Over 800hz
Water Resistance	Waterproof (Moisture can not penetrate closed cell membranes)
Thickness	3 mm total
Roll Dimensions	43" High - 100" Diameter
Roll Weight	12 lbs.
Square Footage per Roll	200 sf
Rolls per Pallet	25 Rolls

TECHNICAL PARAMETERS

Test Item	Method	Unit	L-4000
Tensile Strength	JISK - 6767	Mpa	> 0.12
Elongation at Break	JISK - 6767	%	> 200
Density	JISK - 6767	G/cm ³	0.035 - 0.040
Eear Strength	JISK - 6767	N/m	> 850
Compressive Strength	JISK - 6767	Mpa	> 0.035
The change rate of size after heating	JISK - 6767	%	< -3
Permanent deformation after press	JISK - 6767	%	< 5.5
Water absorptivity	JISK - 6767	G/cm ³	0.003
Thermal conductivity	JISK - 6767	W/MK	0.035
Alkalinity resistance			No Obvious Change
Salt resistance			No Obvious Change
Oil resistance			No Obvious Change
Acid resistance			No Obvious Change
Combustibility	Auto- extinguishing quality Grade 1		
Smoke content	20 SDR		
Oxygen index	27 OI		

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