



Material	Recycled Fibers	Recycled Fibers	Recycled Fibers	Virgin Latex Rubber	Synthetic Latex Rubber	Crosslink Foam	Crosslink Foam	Crosslink Foam	Recycled Rubber		
Approved Subfloor	Wood, Concrete, Gypsum Concrete and Cement Backer Units	Wood, Concrete, Gypsum Concrete and Cement Backer Units	Wood, Concrete, Gypsum Concrete and Cement Backer Units	Wood, Concrete, Gypsum Concrete and Cement Backer Units	Wood, Concrete, Gypsum Concrete and Cement Backer Units	Wood, Concrete, Gypsum Concrete and Cement Backer Units	Wood, Concrete, Gypsum Concrete and Cement Backer Units	Wood, Concrete, Gypsum Concrete and Cement Backer Units	Wood, Concrete, Gypsum Concrete and Cement Backer Units		
Laminate Floors	X	X	X	X	X	X	X	X	X		
Floating Hardwood	X	X	X	X	X	X	X	X	X		
Nail-Down Hardwood			X	X	X	X	X	X			
Glue-Down Hardwood		X	X	X	X	X	X	X	X		
Floating Vinyl Plank			X 4MM thick or >	X	X		X		X		
Double Glue Down Vinyl Plank /SPC/Hardwood			X 4MM thick or >	X	X		X		X		
Single Glue Down Vinyl Plank /SPC/Hardwood					X						
Ceramic, Porcelain, Stone Tiles									X		
Thickness	3mm	3mm	1.4mm	1.2mm	1.25mm	2mm	1mm	2mm	2mm	5mm	10mm
Density	11.52#	11.52#	18.28#	25#	62.4#	5#	8#	6.85#	45.7#	50.6#	51.5#
Roll Sizes Available	100 & 360 sf	100 & 360 sf	100 & 360 sf	100 sf	100 sf	100 & 600 sf	100 sf	100 sf	200 sf	100 sf	100 sf
Application Rating	Residential / Commercial	Residential / Commercial	Residential / Commercial	Residential / Commercial	Residential / Commercial	Residential / Commercial	Residential / Commercial	Residential / Commercial	Res. / Comm.	Res. / Comm.	Res. / Comm.
Sound Ratings											
IIC Sound Rating - Impact Vibration Sounds	71	71	70	68	68	74	67	67	64	62	50
STC Sound Rating	66	66	62	64	62	63	62	63	63	63	53
Delta Sound Rating	24	24	28	22	22	23	23	23	20	25	n/a
R-Value	0.58	0.58	0.528	0.205	0.543	0.38	0.2	0.38			
Compression Resistance (psi)	85.5	85.5	64.58	24	68.1	47.2	23.5	47.2	0.079	0.15	0.39
WVTR Emissions allowance	5	7	6	3	3.5	3	3	3	n/a	n/a	n/a
Lip and Tape Installation	X	X	X			X	X	X	n/a	n/a	n/a
Indoor Air Quality Certification	GREENGUARD GOLD	GREENGUARD GOLD	GREENGUARD GOLD	CRI PLUS							

IIC - Impact Insulation Class - The higher the number, the better the sound insulation.The IIC is a measure of how much impact sound (walking, kids playing, etc.) is reduced after traveling through the floor covering, underlayment, and building structure and emerging in the room below.

STC - Sound Transmission Class - The higher the number, the better the sound is absorbed.The STC is a measure of how much airborne sound (speech, TV, stereo, etc.) is reduced after traveling through the floor covering, underlayment, and building structure and emerging in the room below.

Delta IIC - The higher the number the better sound control an underlayment contributes to sound performance. Delta IIC rating is the best rating to evaluate the performance of underlayment's sound control contribution.

R-Value - The higher the number, the better and the warmer the floor will feel under foot. R-Value is a measure of the insulating ability of the underlayment.

Moisture Emissions Protection - The higher the number, the better the protection. Result expresses the amount of moisture emissions the concrete emits using a calcium chloride test.

Water Vapor Transmission Rate - The measure of the passage of water vapor through a material during a period of time. The lower the number expresses the less permeable the material is. ASTM E96.