

QUIETWALK[®] MAX

PREMIUM UNDERLAYMENT & WATER DEFENSIVE BARRIER

PREMIUM UNDERLAYMENT SOUND RATINGS

Product	IIC	STC	Delta IIC	HIIC	H Delta IIC	Floor Covering	Floor Ceiling Assembly
 QuietWalk MAX	58	50	26	66	37	5.5mm Vinyl Plank	6" Slab
	67	61	-	-	-	Engineered Wood	6" Slab With Ceiling
	-	66	-	-	-	9.98mm Laminate	6" Slab With Ceiling
	71	-	-	-	-	9.98mm Laminate	6" Slab With Ceiling
	73	-	-	-	-	2mm Vinyl Plank	6" Slab With Ceiling
	-	67	-	-	-	2mm Vinyl Plank	6" Slab With Ceiling

TRANSMISSION CLASSES

Impact Insulation Class (IIC)

The Impact Insulation Class (IIC) rating is a measurement of a floor/ceiling system's ability to absorb sound vibrations generated by collisions to the floor in upper levels of a building.

The higher the IIC number the better the sound control.

Examples include: walking, jumping, moving furniture and running

Delta IIC

The Delta IIC is a rating is obtained by comparing the IIC measurement of a floor/ceiling system with and without underlayment. This allows for a precise evaluation of the flooring underlayment's contribution to the over all sound absorption of the flooring structure, and as a result, how effectively the underlayment can control sound on its own.

The higher the Delta IIC number the better the sound control.

Sound Transmission Class (STC)

The STC rating measures how well a floor/ceiling system neutralizes airborne sound transmission to other levels of a building.

The higher the STC number the better the sound control.

Examples include: Laughing, music, TV and talking

High-Frequency Impact Insulation Class (HIIC)

The HIIC rating is specifically designed to measure the performance of a flooring underlayments ability to control sound created by high-frequency impact noise in upper flooring levels. This metric can show differences in underlayment performance that's not always shown in the IIC reading.

The higher the HIIC number the better the sound control.