QUIETBOARD

Premium Acoustical & Insulating Fiber Board

PROUDLY Made in the U.S.A.

WITH INTEGRATED MOISTURE BARRIER

PREMIUM UNDERLAYMENT SOUND RATINGS

Product	IIC	STC	Delta IIC	HIIC	H Delta IIC	Floor Covering	Floor Ceiling Assembly
 QuietBoard	59	56	-	74	-	5.5mm Vinyl Plank	8" Slab
	72	64	-	94	-	5.5mm Vinyl Plank	8" Slab With Ceiling
	54	60	-	70	-	5.5mm Vinyl Plank	Wood Frame With 1" Gypsum Concrete
	56	52	25	65	36	5.5mm Vinyl Plank	6" Slab
	58	53	-	69	-	3.5mm Vinyl Plank Attached Pad	8" Slab
	54	52	-	66	-	8mm Laminate	8" Slab
	56	54	-	67	-	3/8" Engineered Wood	6" Slab

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.