

NOTE: The minimum “IIC” rating in Murrayhill Woods Condominiums for underlayment under Luxury Vinyl flooring is 71. The following is a sample of the approved product. **You must choose a vinyl product that will go over this underlayment and will not affect the vinyl product warranty.** Owners are not required to use this specific underlayment product providing the similar product has the minimum same IIC rating. All product information must be contained on the submitted ARC form found at www.MurrayhillWoods.com.

Model # QW360B1LT



QuietWalk >

360 sq. ft. 6 ft. x 60 ft. x 3 mm

Underlayment w/Sound Barrier and Moisture Barrier for Laminate and Engineered Flooring

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- Laminate floor underlayment used for floating floor installations
- Underlayment with superior sound barrier and moisture barrier
- Flooring underlayment resistant to mold and mildew growth

What Does IIC and STC Mean?

While looking at underlayment for your laminate floor, you may come across IIC-STC with a number next to them. What exactly are these and what do they mean? Put simply, these are ratings that tell you how well the underlayment will dampen sound. The higher a number is following these letters, the less noise will be transmitted. The effect of this is mostly noticeable in rooms *underneath* the room in which the underlayment and laminate are installed. This is why many apartment buildings, commercial offices buildings, and condo associations require a minimum rating where sound is concerned. The general ratings are as follows:

- **IIC-STC 70 Virtually Sound Proof**
- **IIC-STC 60 Superior Sound Proofing**
- **IIC-STC 50 International Building Code**
- **IIC-STC 40 Sound Proofing below most codes**

(STC) Sound Transmission Class from the American Society for Testing and Materials (ASTM) E336/E413 and (IIC) Impact Isolation Class ASTM E492/E989 ratings are measured in decibels reduced for certain types of sound. The STC rating pertains to airborne noise, such as voices, radio, television, etc. The IIC rating measures impact sounds, such as footfalls, dropped objects etc. The transmission of these sounds through floor/ceiling assemblies (such as those found in multi-level homes and apartments) will be inhibited by underlayments with higher IIC and STC ratings. The International Building Code (IBC) states that all multi-family buildings must have a minimum sound insulation rating of STC 50 and IIC 50, but yours may vary. Check with your condo/apartment association to get the exact numbers, so you make your minimum requirements.