



Product General Specifications

Base Material	Cross-linked polyolefin, Mylar .004” overlay	
Thickness	2mm (.080”)	Finished thickness
MVTR	0.31 lbs / 1000 Sq. Ft. per 24hrs	(Moisture barrier spec)
R Value	3	(Thermal resistance)
Compression	29% @ 10.5 PSI	(Resistance to compression)
Tensile Strength	200 PSI	(Breaking force required)
Tear resistance	28.0 lbs/in	(Notched Breaking force)
IIC	75 *	
STC	73 *	

*See “ STC& IIC Straight talk” publication included in dealer info binders, on our website or call our sales team for assistance.

Product Standard Packaging Spec’s

Master Packs **43” x 335 Lin Ft. (1200 Sq. Ft.) 4 Per Pallet 4800 S.F.**

100’ Rolls **43” x 28 Lin Ft. (1200 Sq. Ft. / Box) 4 Per Pallet 4800 S.F.**

Weight **120 lbs / Pallet**

Trademark International
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STC & IIC - “What they mean”

IIC - ‘Impact Insulation Class’ STC - ‘Sound Transfer Class’

Test Descriptions:

1. IIC - Lab tests used to measure sound absorption of whole floor systems
2. STC – test used to measure sound absorption primarily of Partition systems.

Both are quoted in marketing claims related to Sound Suppression membranes despite neither test relates to a single component of the system but rather, the entire system - wall or floor structure. These are therefore useful as a guide, however should not be expected to be met in every instance of service.

Technique: - Flooring structures are built between two reverberation rooms, acoustically isolated from each other by all but the test section and isolated from outside ambient noise by acoustically engineered walls. A “tapping machine” is used to create sound in the ‘source room’ directly on the floor’s surface (IIC) and above the floor’s surface (STC). Sound transfer through the floor system is then measured (db) in a ‘receiving room’ beneath the floor system.

Results: - Vary considerably depending on how well the structure and components work together to limit sound transfer.

How well does *Solid Sound Plus* work ?

- IIC/STC 75 / 73 were reported in tests of floor systems constructed similarly to those in use where these measurements are critical or part of code requirements. These involved the use of Engineered all wood flooring, *Solid Sound Plus* , Gypcrete leveling material, OSB Sub-floor, wood truss joists, insulation between framing, resilient channels (hanging system), vapor barrier, and 5/8” drywall ceiling. This cross section is common in several parts of Canada, in construction of 2 – 5 Floor frame construction buildings, where the product is often installed.

In practice—where builders construct in the above manner test validity results.

What is truly important considering *Solid Sound Plus* ?

Most people use *SS+* to reduce the hollow, ‘reflected’ sound commonly experienced with lower quality foams used beneath ‘floated’ floors. This is particularly noticeable with HDF core products (commonly plastic laminate flooring)

Solid Sound™ Warranty

Solid Sound™ is warranted to the original purchaser, for the entire warranted life of the Wood or Laminate flooring under which Solid Sound™ is installed. Solid Sound™ warrants full replacement cost of professionally installed laminate or Wood flooring and Solid Sound™ to the original purchaser of Solid Sound™ where it is determined that Solid Sound™ was solely responsible for sub-standard performance.

Solid Sound™ warranty excludes any financial responsibility for special indirect, incidental, or consequential damages arising from repair or replacement.

This warranty does not apply under the following:

- Failure to install Solid Sound™ according to instructions
- Failure to install flooring according to manufacturers instructions
- Accidents, misuse or abuse
- Exposure to extreme heat
- Exposure to excessive weight
- Failure of Solid Sound™ installation sites meeting IIC lab test ratings.

(So called “FIIC” tests are site specific and rarely meet Lab conditions owing to variations in site installation and construction)

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