



# GENIEMAT™

**GenieMat™ RST  
Underlayment for  
Reduced Sound  
Transmission.**



**It's not magic, it's engineering.™**



# GenieMat™ RST

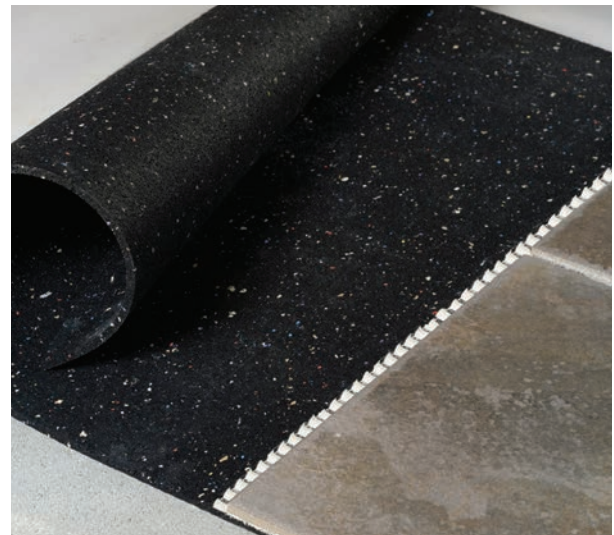
## Sound Control Underlayment

**From the inventor of the patented technology (US Patent RE:41,945) for recycled rubber used for impact sound insulation, directly below floor coverings**

**GenieMat™ RST** is a flat, resilient, reduced sound transmission mat made from 94% recycled rubber content, used directly under hard surface floor finishes and over concrete and wood construction.

It is used when superior sound control is required in multi-family housing, high-rises, or commercial buildings and protects ceramic tile, porcelain and stone from substrate cracks.

Engineered for direct adhered floor coverings such as tile, stone, wood, vinyl, VCT, laminate etc.



**Tile** – Most products rated for commercial use.

**Wood** – Urethane adhesive gives superior peel strengths.

**Vinyl** – One-step method provides superior sound control for resilient floor coverings.

**ANSI** standard 118.12

**IAQ** test (ASTM D5116)

**LEED** accreditation: up to 10 points

Full floor covering warranty available.

Product Specifications					
Product	Thickness	Roll Size	Roll Weight	Type A Hardness (ASTM D2240)	TCNA Robinson Test with tile (ASTM C627)
RST-02	2mm	4' x 75'	140 lbs (63.5 kg)	40 durometer	Heavy commercial
RST-05	5mm	4' x 30'	110 lbs (49.9 kg)	40 durometer	Light commercial
RST-10	10mm	4' x 15'	110 lbs (49.9 kg)	40 durometer	Light commercial
RST-12	12mm	4' x 15'	130 lbs (59.0 kg)	40 durometer	Light commercial
RST-15	15mm	4' x 15'	160 lbs (72.6 kg)	50 durometer	Light commercial

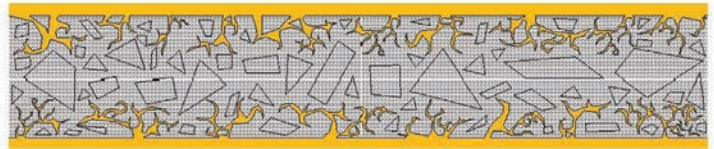
## Rubber is the BEST vibration isolation material

Dynamic Stiffness: 28 MN/m<sup>3</sup> (102lb/in<sup>3</sup>)

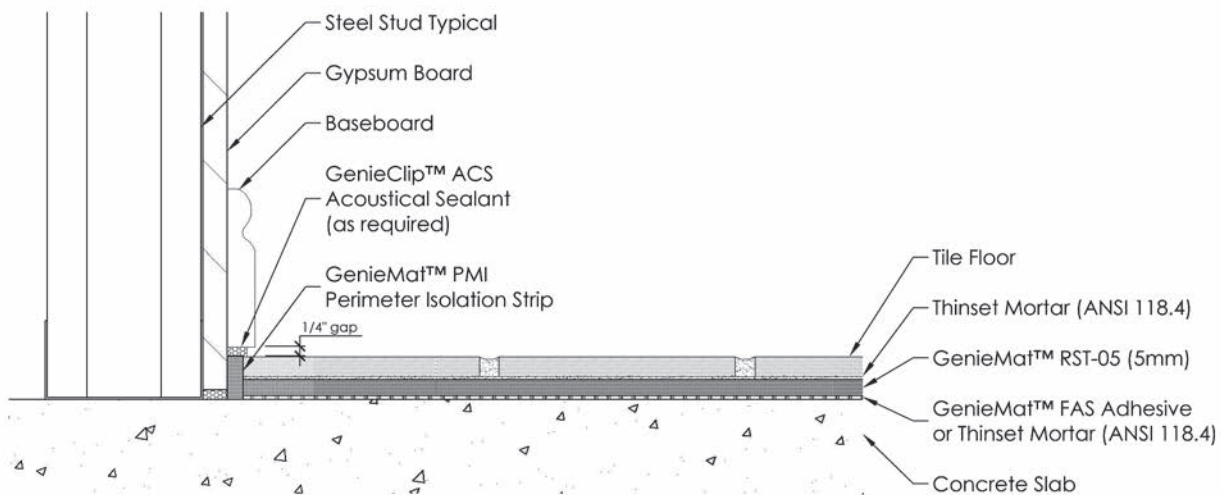
Compression Set: 4%

Loss Factor for Damping: 20%

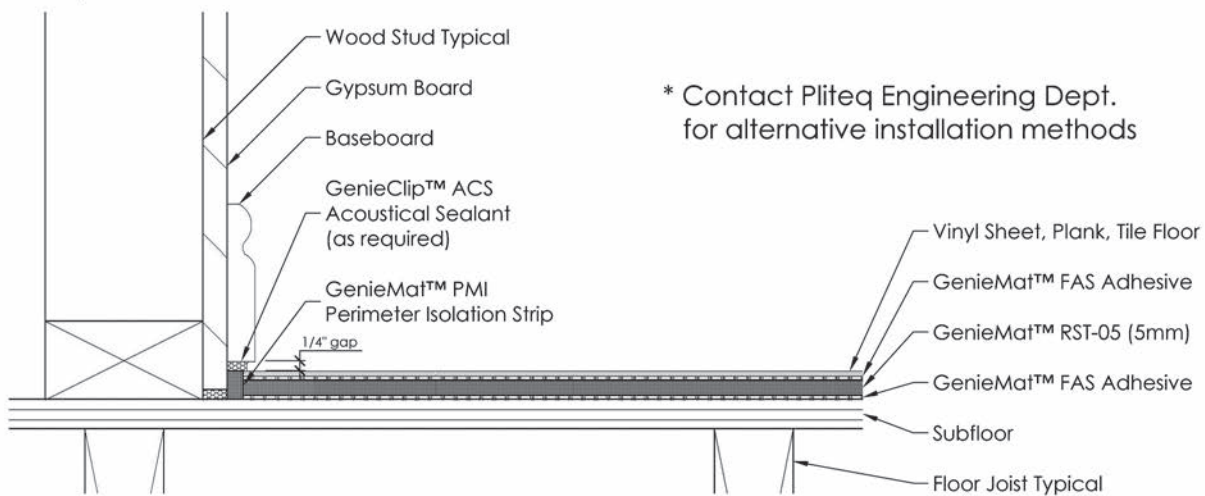
**Positive adhesive lock** – for very high bond strengths with adhered floor coverings.



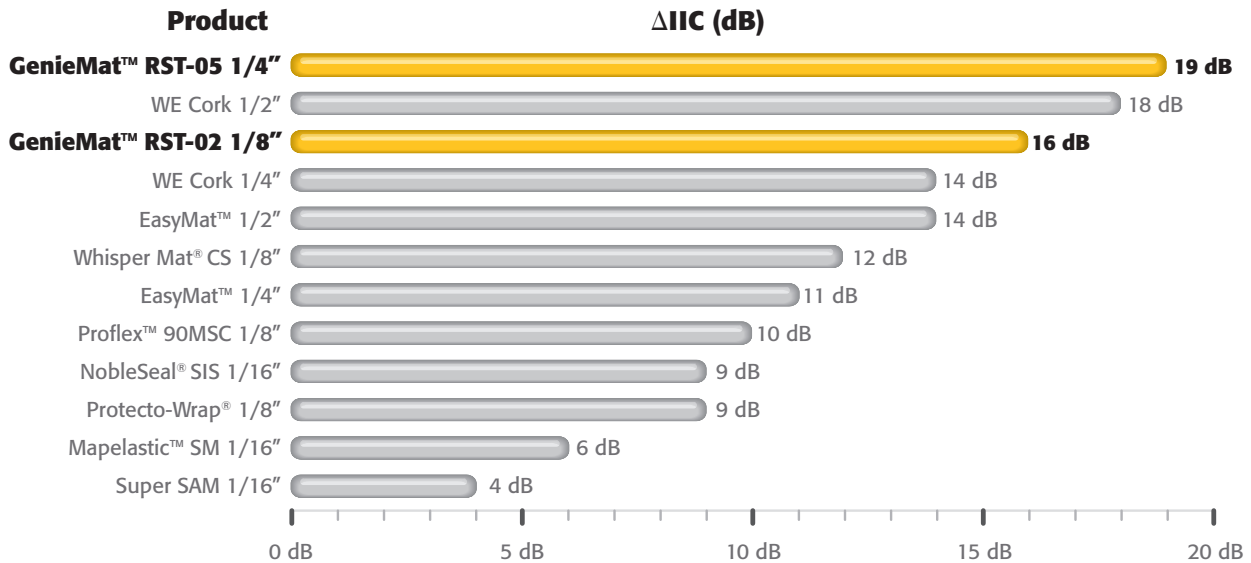
### Tile Floor



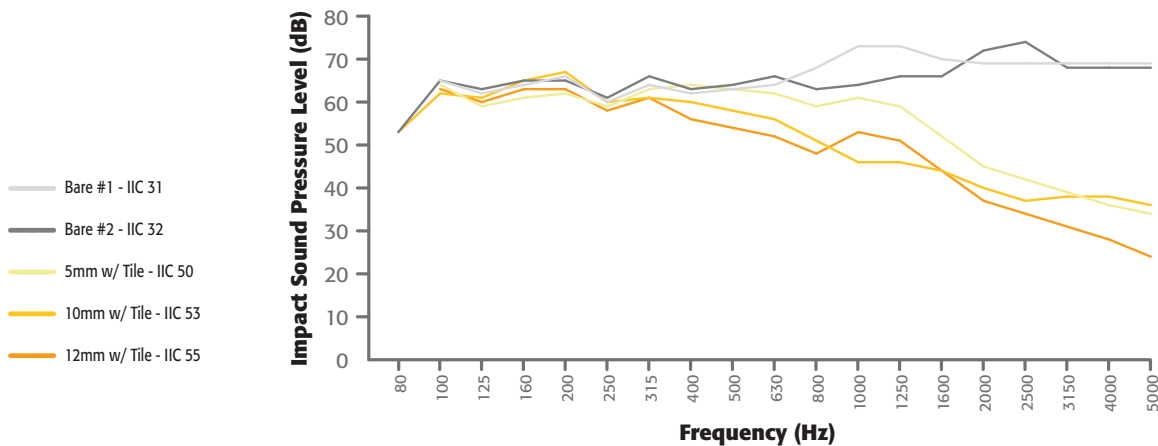
### Vinyl Sheet, Plank, Tile Floor



## ASTM E2179 – Effectiveness of resilient underlayment at improving Impact Insulation Class (6" concrete slab with tile)



## ASTM E492 – Acoustical test results of various thicknesses of GenieMat™ RST (8" concrete slab)



## ASTM E492 – Impact Insulation Class with variable floor coverings (concrete slab)

GenieMat Product	Floor	Ceiling	Concrete Slab	IIC Rating
RST-02	Tile	No	8"	48
RST-05	Tile	No	8"	50
RST-10	Tile	No	8"	53
RST-12	Tile	No	8"	55
RST-05 with GenieClips	Tile	Yes	8"	57
RST-10 with GenieClips	Tile	Yes	8"	60
RST-02	Wood	No	8"	54
RST-05	Vinyl	No	6"	53
RST-10	Tile	No	6"	52

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 The information provided is accurate to the best of our knowledge at the time of printing.  
 However, we reserve the right to make changes when necessary without notification.

