



GENIEMAT™

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



It's not magic, it's engineering.™



GenieMat™ RST

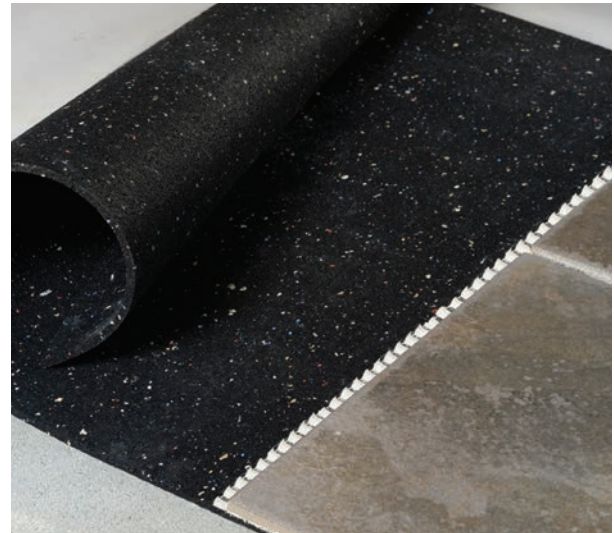
Sound Control Underlayment

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

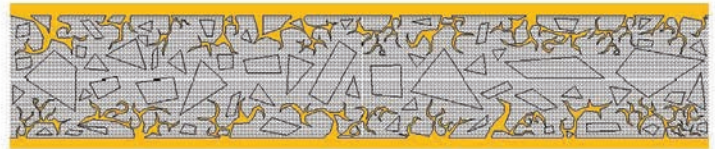
Rubber is the BEST vibration isolation material

Dynamic Stiffness: 28 MN/m³ (102lb/in³)

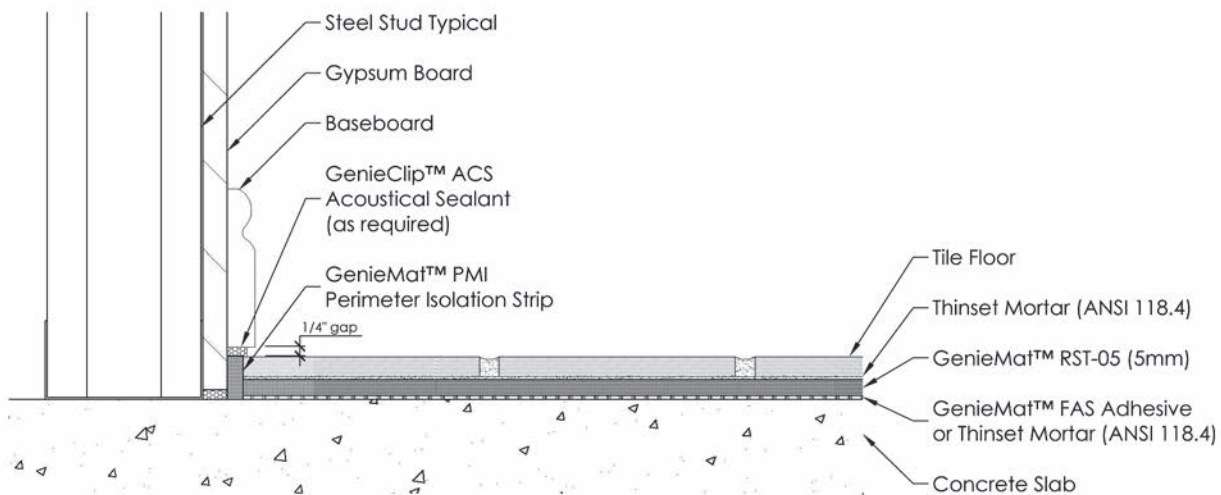
Compression Set: 4%

Loss Factor for Damping: 20%

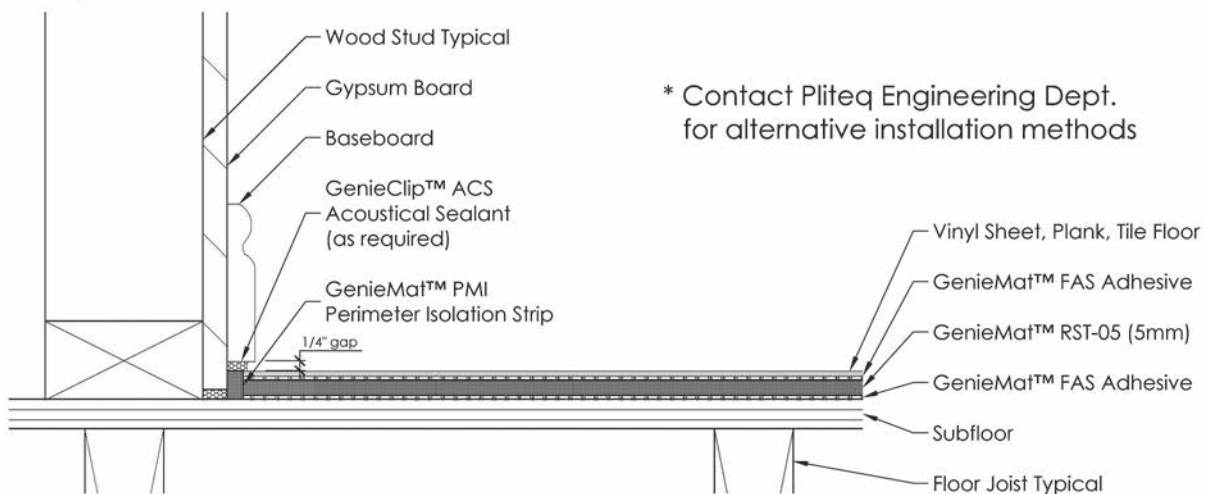
Positive adhesive lock – for very high bond strengths with adhered floor coverings.



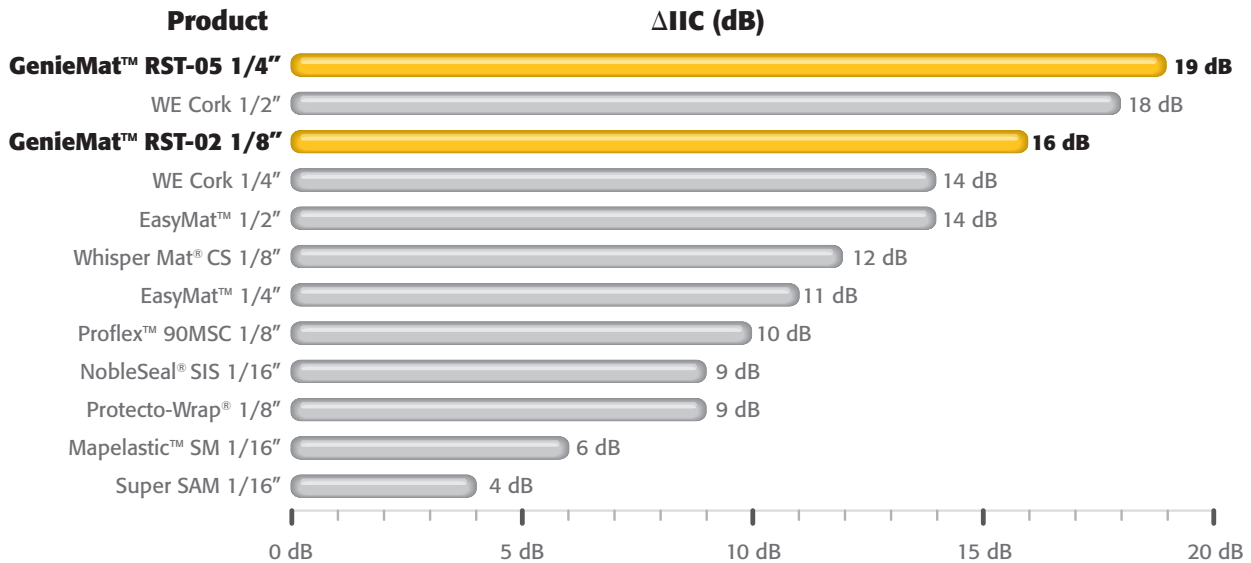
Tile Floor



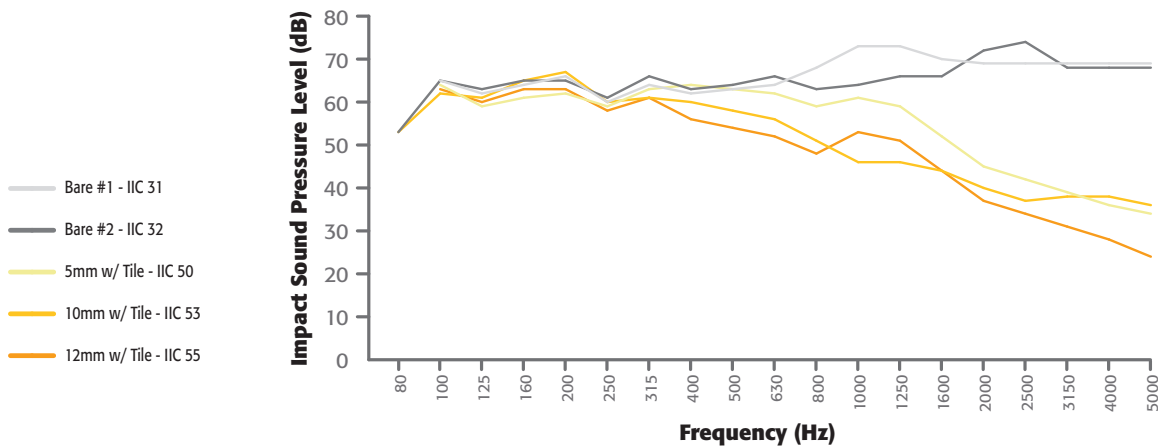
Vinyl Sheet, Plank, Tile Floor



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

GenieMat™ is a trademark of Pliteq Inc.
 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.

