

A flat, resilient, recycled rubber underlayment to be used directly under most floor and ceiling sills, yielding exceptional results even over concrete and wood joist construction.



### PERFORMANCE ATTRIBUTES

- Fast installation.
- Unlike fiberglass it is not affected by moisture.
- Used for both top and bottom plates.
- Factory slit to width and easily field cut to length with utility knife.
- Also available in custom width rolls and 2mm and 10mm thicknesses.
- Rated light commercial by the Tile Council of North America.
- Can be used for a wide range of loadings (1-50 psi).
- Continuous resilient support of partition.
- Unaffected by water.
- Will not support mold growth.
- Can use mechanical fasteners or adhesives (PSA).
- Passes VOC Washington State IAQ Test (ASTM D5116).
- Can contribute toward earning up to 9 LEED.



### SPECIFICATIONS

Code	Mat Height	Mat Width	Mat Length
RMI-202R	2mm	2 ¼"	75'
RMI-205R	5mm	2 ¼"	30'
RMI-210R	10mm	2 ¼"	15'
RMI-302R	2mm	3 ¼"	75'
RMI-305R	5mm	3 ¼"	30'
RMI-310R	10mm	3 ¼"	15'
RMI-502R	2mm	5 ¼"	75'
RMI-505R	5mm	5 ¼"	30'
RMI-510R	10mm	5 ¼"	15'



### W20R SOUND ISOLATION WASHER

- Sound Isolation Washer
- Diameter: 1 3/8"
- Thickness: ½"



### ACOUSTICS

Acoustic "flanking" can dramatically reduce the acoustic performance of a wall assembly. Resilmat – RMI is used to help prevent structure borne noise from transmitting through the wall into the areas above and below the partition. It is a permanently resilient gasket that decouples wall assemblies from the building structure to reduce the transfer of sound and vibration. Resilmat – RMI is manufactured with reclaimed rubber and is formulated with high damping acrylic polymers making it a "Green" product for LEED projects. The Resilmat – RMI pad is manufactured to carefully controlled density standards for trusted long term service. Resilmat – RMI can be installed with mechanical fasteners, polyurethane based construction adhesives, or a variety of thin-sets and mortars. W20R isolation washers are also available through Resilmount.



### TECHNICAL DATA

PROPERTY	TEST METHOD	TYPICAL RESULTS
Density	ASTM D297	0.72 g/cm <sup>3</sup> , min.
Thickness	ASTM D3676	2mm to 10mm
Tensile Strength	ASTM D412, Die C	80 psi, min.
Elongation	ASTM D412, Die C	50%, min.
Tear Strength	ASTM D624, Die C	30 ppi, min.
Compression @ 100 psi recovery	ASTM F36	20-30%, 85%, min.
Shore A Hardness	ASTM D2240	40
Flexibility	ASTM F147	1 factor, max.
Compression Set B, 25% Deflection, 158°/22 hrs.	ASTM D395	40% max.
Coefficient of Friction	ASTM D1894	1.2
Crack Resistance	ANSI 118.12 5.4	High Performance

The values shown represent current production based on standard Resilmat specs and may vary per thickness. This material has a shelf life of 5 years from date of manufacture when protected from environmental extremes. Information contained within this document supersedes all previous versions and is subject to change without notice.



### WARRANTY

This product is covered by a year guarantee. Conditions and limitations of guarantees and warranties are set out in Studco Project Guarantee certificate.



### ACCREDITATION/CERTIFICATION

