

# GENIEMAT™ RST-02

SOUND CONTROL UNDERLAYMENT



## Product Specification

<b>Product Name:</b>	GenieMat™ RST-02 (2 mm)
<b>Description:</b>	Robust reduced sound transmission mat made from 94% recycled rubber content used when superior sound control is required in multifamily housing, high-rises, or commercial buildings.
<b>Application:</b>	Flat, resilient underlayment that is used directly under a variety of floor finishes in wood, steel, and concrete construction, yielding exceptional results for impact sound insulation and protecting ceramic, porcelain, and stone from substrate cracks.
<b>Features and Benefits:</b>	<ul style="list-style-type: none"><li>• Significantly reduces impact sound.</li><li>• Mold, bacteria, fungi, and water resistant.</li><li>• Qualifies for LEED® points.</li><li>• Can be installed directly under hard surface or resilient floor coverings.</li></ul>
<b>Dimension:</b>	Rollgood: 4' wide, 75' long
<b>Thickness:</b>	2 mm (1/8") (+/- 1.5 mm)
<b>Roll Weight:</b>	140 lbs/roll
<b>Roll Area:</b>	300 ft <sup>2</sup>
<b>Rolls/Pallet:</b>	14
<b>Leadtime:</b>	2-3 weeks after receipt of order

## Technical Data

<b>Reduction of Impact Sound Pressure Level (<math>\Delta L_w</math>) (BS EN ISO 140-8):</b>	14 dB
<b>Sheet Weight:</b>	0.38 lbs/ft <sup>2</sup> (1.9 kg/m <sup>2</sup> )
<b>Tensile Strength (ASTM D412, Die C):</b>	35 psi minimum
<b>Elongation at Break (ASTM D412, Die C):</b>	60 % minimum
<b>Compressibility (ASTM F36):</b>	@ 50 psi = 15 % / recovery 85 % minimum @ 100 psi = 20 % / recovery 85 % minimum
<b>Tear Strength (ASTM D624):</b>	40 lbs/in minimum
<b>Type A Hardness (ASTM D2240):</b>	40 durometer
<b>TCNA Robinson Test (ASTM C627):</b>	Heavy commercial with tile
<b>Laboratory Impact Insulation Class (ASTM E492):</b>	Specified floor-ceiling assembly must be tested in a NVLAP-certified laboratory and comply with ASTM standards.
<b>Field Impact Insulation Class (ASTM E1007):</b>	Specified floor-ceiling assembly must meet requirement as stated by building code and/or acoustical consultant.
<b>Temperature Stability:</b>	-40°C to +115°C (~40°F to +240°F)

The information provided is accurate to the best of our knowledge at the time of issue. However, we reserve the right to make changes when necessary without further notification. Suggested applications may need to be modified to conform with local building codes and conditions. We cannot accept responsibility for products that are not used, or installed, to our specifications.

# GENIEMAT™ RST-05

SOUND CONTROL UNDERLAYMENT



## Product Specification

<b>Product Name:</b>	GenieMat™ RST-05 (5 mm)
<b>Description:</b>	Robust reduced sound transmission mat made from 94% recycled rubber content used when superior sound control is required in multifamily housing, high-rises, or commercial buildings.
<b>Application:</b>	Flat, resilient underlayment that is used directly under a variety of floor finishes in wood, steel, and concrete construction, yielding exceptional results for impact sound insulation and protecting ceramic, porcelain, and stone from substrate cracks.
<b>Features and Benefits:</b>	<ul style="list-style-type: none"><li>• Significantly reduces impact sound.</li><li>• Mold, bacteria, fungi, and water resistant.</li><li>• Qualifies for LEED® points.</li><li>• Can be installed directly under hard surface or resilient floor coverings.</li></ul>
<b>Dimension:</b>	Rollgood: 4' wide, 30' long
<b>Thickness:</b>	5 mm (1/4") (+/- 1.5 mm)
<b>Roll Weight:</b>	110 lbs/roll
<b>Roll Area:</b>	120 ft <sup>2</sup>
<b>Rolls/Pallet:</b>	18
<b>Leadtime:</b>	2-3 weeks after receipt of order

## Technical Data

<b>Reduction of Impact Sound Pressure Level (<math>\Delta L_w</math>) (BS EN ISO 140-8):</b>	19 dB
<b>Sheet Weight:</b>	0.74 lbs/ft <sup>2</sup> (3.6 kg/m <sup>2</sup> )
<b>Tensile Strength (ASTM D412, Die C):</b>	35 psi minimum
<b>Elongation at Break (ASTM D412, Die C):</b>	60 % minimum
<b>Compressibility (ASTM F36):</b>	@ 50 psi = 15 % / recovery 85 % minimum @ 100 psi = 20 % / recovery 85 % minimum
<b>Tear Strength (ASTM D624):</b>	40 lbs/in minimum
<b>Type A Hardness (ASTM D2240):</b>	40 durometer
<b>TCNA Robinson Test (ASTM C627):</b>	Moderate commercial with tile
<b>Crack Isolation:</b>	Up to 3/16"
<b>Laboratory Impact Insulation Class (ASTM E492):</b>	Specified floor-ceiling assembly must be tested in a NVLAP-certified laboratory and comply with ASTM standards.
<b>Field Impact Insulation Class (ASTM E1007):</b>	Specified floor-ceiling assembly must meet requirement as stated by building code and/or acoustical consultant.
<b>Temperature Stability:</b>	-40°C to +115°C (~40°F to +240°F)

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# GenieMat™ RST-10

## SOUND CONTROL UNDERLAYMENT



## Product Specification

<b>Product Name:</b>	GenieMat™RST-10 (10 mm)
<b>Description:</b>	Robust reduced sound transmission mat made from 94% recycled rubber content used when superior sound control is required in multifamily housing, high-rises, or commercial buildings.
<b>Application:</b>	Flat, resilient underlayment that is used directly under a variety of floor finishes in wood, steel, and concrete construction, yielding exceptional results for impact sound insulation and protecting ceramic, porcelain, and stone from substrate cracks.
<b>Features and Benefits:</b>	<ul style="list-style-type: none"><li>• Significantly reduces impact sound.</li><li>• Mold, bacteria, fungi, and water resistant.</li><li>• Qualifies for LEED® points.</li><li>• Can be installed directly under hard surface or resilient floor coverings.</li></ul>
<b>Dimension:</b>	Rollgood: 4' wide, 15' long
<b>Thickness:</b>	10 mm (3/8") (+ /- 1.5 mm)
<b>Roll Weight:</b>	125 lbs/roll
<b>Roll Area:</b>	60 ft <sup>2</sup>
<b>Rolls/Pallet:</b>	16
<b>Leadtime:</b>	2-3 weeks after receipt of order

## Technical Data

<b>Reduction of Impact Sound Pressure Level (<math>\Delta L_w</math>) (BS EN ISO 140-8):</b>	21 dB
<b>Sheet Weight:</b>	1.50 lbs/ft <sup>2</sup> (7.2 kg/m <sup>2</sup> )
<b>Tensile Strength (ASTM D412, Die C):</b>	35 psi minimum
<b>Elongation at Break (ASTM D412, Die C):</b>	60 % minimum
<b>Compressibility (ASTM F36):</b>	@ 50 psi = 15 % / recovery 85 % minimum @ 100 psi = 20 % / recovery 85 % minimum
<b>Tear Strength (ASTM D624):</b>	40 lbs/in minimum
<b>Type A Hardness (ASTM D2240):</b>	40 durometer
<b>TCNA Robinson Test (ASTM C627):</b>	Light commercial with tile
<b>Crack Isolation:</b>	Up to 1/4"

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**Laboratory Impact  
Insulation Class  
(ASTM E492):**

Specified floor-ceiling assembly must be tested in a NVLAP-certified laboratory and comply with ASTM standards.

**Field Impact  
Insulation Class  
(ASTM E1007):**

Specified floor-ceiling assembly must meet requirement as stated by building code and/or acoustical consultant.

**Temperature Stability:**

-40° C to + 115° C (~ 40° F to + 240° F)

## Product Specification

<b>Product Name:</b>	GenieMat™ RST-12 (12 mm)
<b>Description:</b>	Robust reduced sound transmission mat made from 94% recycled rubber content used when superior sound control is required in multifamily housing, high-rises, or commercial buildings.
<b>Application:</b>	Flat, resilient underlayment that is used directly under a variety of floor finishes in wood, steel, and concrete construction, yielding exceptional results for impact sound insulation and protecting ceramic, porcelain, and stone from substrate cracks.
<b>Features and Benefits:</b>	<ul style="list-style-type: none"><li>• Significantly reduces impact sound.</li><li>• Mold, bacteria, fungi, and water resistant.</li><li>• Qualifies for LEED® points.</li><li>• Can be installed directly under hard surface or resilient floor coverings.</li></ul>
<b>Dimension:</b>	Rollgood: 4' wide, 15' long
<b>Thickness:</b>	12 mm (1/2") (+/- 1.5 mm)
<b>Roll Weight:</b>	130 lbs/roll
<b>Roll Area:</b>	60 ft <sup>2</sup>
<b>Rolls/Pallet:</b>	14
<b>Leadtime:</b>	2-3 weeks after receipt of order

## Technical Data

<b>Reduction of Impact Sound Pressure Level (<math>\Delta L_w</math>) (BS EN ISO 140-8):</b>	22 dB
<b>Sheet Weight:</b>	1.80 lbs/ft <sup>2</sup> (8.7 kg/m <sup>2</sup> )
<b>Tensile Strength (ASTM D412, Die C):</b>	35 psi minimum
<b>Elongation at Break (ASTM D412, Die C):</b>	60 % minimum
<b>Compressibility (ASTM F36):</b>	@ 50 psi = 15 % / recovery 85 % minimum @ 100 psi = 20 % / recovery 85 % minimum
<b>Tear Strength (ASTM D624):</b>	40 lbs/in minimum
<b>Type A Hardness (ASTM D2240):</b>	40 durometer
<b>TCNA Robinson Test (ASTM C627):</b>	Light commercial with tile
<b>Laboratory Impact Insulation Class (ASTM E492):</b>	Specified floor-ceiling assembly must be tested in a NVLAP-certified laboratory and comply with ASTM standards.
<b>Field Impact Insulation Class (ASTM E1007):</b>	Specified floor-ceiling assembly must meet requirement as stated by building code and/or acoustical consultant.
<b>Temperature Stability:</b>	-40°C to +115°C (~40°F to +240°F)

## Product Specification

<b>Product Name:</b>	GenieMat™ RST-15 (15 mm)
<b>Description:</b>	Robust reduced sound transmission mat made from 94% recycled rubber content used when superior sound control is required in multifamily housing, high-rises, or commercial buildings.
<b>Application:</b>	Flat, resilient underlayment that is used directly under a variety of floor finishes in wood, steel, and concrete construction, yielding exceptional results for impact sound insulation and protecting ceramic, porcelain, and stone from substrate cracks.
<b>Features and Benefits:</b>	<ul style="list-style-type: none"><li>• Significantly reduces impact sound.</li><li>• Mold, bacteria, fungi, and water resistant.</li><li>• Qualifies for LEED® points.</li><li>• Can be installed directly under hard surface or resilient floor coverings.</li></ul>
<b>Dimension:</b>	Rollgood: 4' wide, 15' long
<b>Thickness:</b>	15 mm (5/8") (+/- 1.5 mm)
<b>Roll Weight:</b>	160 lbs/roll
<b>Roll Area:</b>	60 ft <sup>2</sup>
<b>Rolls/Pallet:</b>	9
<b>Leadtime:</b>	2-3 weeks after receipt of order

## Technical Data

<b>Sheet Weight:</b>	2.20 lbs/ft <sup>2</sup> (11.0 kg/m <sup>2</sup> )
<b>Tensile Strength (ASTM D412, Die C):</b>	35 psi minimum
<b>Elongation at Break (ASTM D412, Die C):</b>	60 % minimum
<b>Compressibility (ASTM F36):</b>	@ 50 psi = 15 % / recovery 85 % minimum @ 100 psi = 20 % / recovery 85 % minimum
<b>Tear Strength (ASTM D624):</b>	40 lbs/in minimum
<b>Type A Hardness (ASTM D2240):</b>	50 durometer
<b>TCNA Robinson Test (ASTM C627):</b>	Light commercial with tile
<b>Laboratory Impact Insulation Class (ASTM E492):</b>	Specified floor-ceiling assembly must be tested in a NVLAP-certified laboratory and comply with ASTM standards.
<b>Field Impact Insulation Class (ASTM E1007):</b>	Specified floor-ceiling assembly must meet requirement as stated by building code and/or acoustical consultant.
<b>Temperature Stability:</b>	-40°C to +115°C (~40°F to +240°F)