



RT Blanket

GreenStuf® RT Blanket is a range of 100% polyester acoustic insulation engineered to reduce and control reverberated noise in building interiors. RT Blanket can be left exposed or installed behind perforated panels including slotted timber and metal ceiling systems to improve acoustic performance.



Applications

Greenstuf® RT Blanket is designed to be left fully or semi exposed to the sound source. Helping reduce unwanted acoustic reflections and lowering reverberation times in building interiors. RT Blanket can be direct fixed to most common substrate or installed behind perforated and slotted panels to improve the acoustic performance of these type of products. RT Blanket will contribute to increasing the thermal performance of the building by increasing the R-Value of the wall or ceiling system. RT blanket is a thermally bonded acoustic insulation that will provide an industrial type finish. Where a high quality aesthetic look is required Autex Quietspace® Panel is recommended.

Technical

BCA Compliance: GreenStuf® insulation when installed in accordance with the manufacturer's instructions will satisfy the 50 year durability criteria for minimum design life as set out in the ABCB guidance document Durability in Buildings 2006 (Section 2.4).

Durability: GreenStuf® has a 50 Year Durability Warranty although continued contact and rubbing will degrade its finish.

Moisture: GreenStuf® is not affected by moisture. Exposure to an atmosphere of 50°C at 90% relative humidity for four days showed moisture absorption by weight of less than 0.03%.

Hazardous Building Materials: GreenStuf® is non-hazardous.

VOC Emission Safe: VOC concentration: 0.01mg/m³ (7 days).

GECA/Green Guard Limit: 0.25mg/m³ (7 days).

Cetec Pty Ltd(Report: RCV080408)

Non-Toxic, Non-Allergenic, Non-Irritant: There are no known hazards with the use or handling of GreenStuf® polyester.

Non-Flammable: GreenStuf® has been tested and certified non-flammable and complies with the requirements of IEC 60695-11-5.

Fire ratings:

AS ISO 9705: 2003

Australian Group Number: Group 1

SMOGR_{AC}: Less then 100m²/s²

Tested 20 Aug 2012, BRANZ (FAR4045)

AS1530.3

Ignitability Index (0-20) 0

Heat Evolved Index (0-10) 0

Spread of Flame Index (0-10) 0

Smoke Developed Index (0-10) 3

APL Report 98055

Non-Corrosive: GreenStuf® polyester is pH7.8 (pH7 is neutral).

Vermin: GreenStuf® is naturally resistant to insect and vermin attack.

MSDS:Material Safety Data Sheets (MSDS) are available on request from your Autex Account Manager or by visiting our website www.autex.com.au

Specification & Substitution: Autex specification documents are available and can be downloaded from our website www.autex.com.au

The performance and design of Greenstuf® RT Blanket has been engineered to supply a tested and proven sound control system. Substitution of any specified components in a sound control system can significantly compromise the system performance. Accept NO substitutions.

PRODUCT	NOMINAL THICKNESS (mm)	CALCULATED R-VALUE	DIMENSIONS (mm)	SLABS PER PACK	m ² /PACK
MAT1224	25mm	0.66	1200mm x 2400mm	10	28.8m ²

Supplied in packs. RT Blanket can be manufactured in white, black and grey colours. Stocked lines vary from state to state. Please contact you local Autex Account Manager or refer to your Greenstuf price list for further information.

Alternative densities, thickness and formats also available on request and are subject to minimum order quantities.

Installation: Autex recommends that all thermal and acoustic insulation be installed in accordance with the manufacturers instructions and AS3999:1992 Thermal Insulation of Dwellings - Bulk insulation, installation requirements. GreenStuf® RT Blanket can be fixed directly to the substrate with either adhesive or insulation type anchors. RT Blanket comes standard in 1200 x 2400mm sheets and can be cut on site to the desired shape and size with Swibo or snap off bladed type knives.

Other sizes and custom factory cutting available on request subject to MOQs and surcharges may apply. When installed behind perforated or slotted panels ensure the insulation lays flat and all perforations or open area is covered. Wiring, luminaires and appliances should not be covered.

Instruction from the luminaires and appliance supplier should be obtained to assess the required space between insulation and the device in all cases.

Maximum safe weight loadings of the substrate that the insulation will be fixed to or laid over should be verified prior to

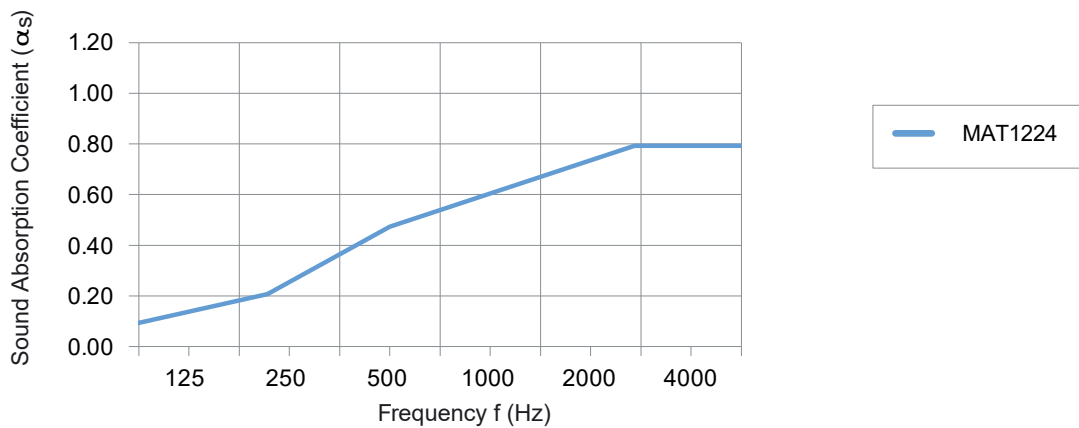
installation to ensure the insulation will not over load or void any applicable warranties. Small pieces should be used to fill around ducting, services and structural components.

Consultation with the HVAC Installer/Engineer prior to commencing installation to ensure no loss of effective air movement to the active return of the air conditioning system should the plenum space be utilised for this function. Additional information and advice is available from your Autex Account Manager or by phoning Autex Customer Services free phone 1800 678 160.

Take Back Programme: Autex will gladly recycle used, uncontaminated GreenStuf® insulation to help keep it out of landfill. For more information on recycling GreenStuf® contact Autex on free phone 1800 678 160.

ISO Standards: Autex is committed to Quality and Environmental best practice through our ISO 9001 & ISO 14001 certified Quality and Environmental Management Systems.

GreenStuf® RT Blanket Sound Absorption Coefficients



Product Code	Frequency (Hz)						NRC
	125	250	500	1000	2000	4000	
MAT1224	0.15	0.25	0.50	0.65	0.80	0.80	0.55

Acoustic Performance: All performance results are based on testing conducted in a laboratory on-site results could vary depending on the system design, materials and quality of the installation. For more information and assistance please contact your Autex Account Manager.

GreenStuf® is manufactured in Australia by Autex Insulation, a division of Autex Pty Ltd. Autex retains the right to change products and specifications without prior notice. If a specification is critical to end use situation please discuss your requirements with your Autex Account Manager.

GreenStuf® is a registered trademark of Autex Industries and Autex Pty Ltd.



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