

ADW Duct Wrap

GreenStuf® ADW insulation is a lightweight, flexible, acoustic/thermal insulation material, manufactured from thermally bonded polyester with a fire compliant e-foil laminate facing on one side.

ADW is used for external wrapping of air conditioning sheetmetal ductwork. It provides noise absorption and thermal insulation for the ducting. ADW also acts as a moisture barrier preventing condensation on cold air systems that could otherwise lead to corrosion and staining of ceilings if not insulated.

ADW is designed to be easy to install with a 150mm overlap of foil provided on one side of the roll for simple and quick joining with standard foil tapes.

Applications

GreenStuf® ADW must be fitted without gaps around ducting, edges to be overlapped and sealed with tape. Where used to control condensation, the ducting wrap must be fully sealed to prevent moisture ingress. Deviations from the above must be consulted with the specifying engineer.

Technical

NZBC Compliance: GreenStuf® ADW Duct wrap insulation is NZBC compliant when installed in accordance with the manufacturer's instructions will satisfy the 50 year durability clause NZBC B2.3.1 (a). GreenStuf® meets the relevant clauses of NZBC F2 Hazardous Building Materials and may contribute to meeting H1 Energy Efficiency, and G6 Acoustic Design requirements.

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

Durability: GreenStuf® has a 50 Year Durability Warranty.



Thermal Performance

GreenStuf® ADW Duct Wrap products are designed to thermally insulate ducting and HVAC systems. Products carrying declared thermal performance have been laboratory tested to ASTM C518-04 and are guaranteed by Autex to meet the stated thermal performance values.

Fire Ratings:

ADW Duct Wrap products are fully compliant with NZBC fire requirements as detailed in NZBC Verification Method C/VM2.

ISO 9705: 1993

Classification: Group 1-S

Smoke Production Rate: <5.0m²/s

As required by NZBC C/VM2

Issued July 2014, BRANZ (FAR 4045)

PRODUCT	THICKNESS	R- Value	ROLL SIZE	ROLLS PER PACK	m ² /PACK	PERFORMANCE GUARANTEE
ADW 25	25mm	NA	1200mm x 10Lm	1	12m ²	
ADW 50	50mm	NA	1200mm x 10Lm	1	12m ²	
ADW-R0.6	30mm	R0.60	1200mm x 10Lm	1	12m ²	✓
ADW-R1.0	70mm	R1.00	1200mm x 10Lm	1	12m ²	✓
ADW-R1.3	90mm	R1.30	1200mm x 10Lm	1	12m ²	✓
ADW-R1.7	100mm	R1.70	1200mm x 10Lm	1	12m ²	✓

The product nominal thickness is the off-line manufactured thickness. Packaging, storage and handling may affect the “out of the pack” thickness. This is not considered a manufacturing fault. If thickness is critical to a particular installation please discuss your requirements with your Autex Account Manager.

Non-Flammable: GreenStuf® is classified non-flammable.

Hazardous Building Materials: GreenStuf® is non-hazardous

Rec. Max. Service Temp: Should not be used where temperature exceeds 100°C

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

Acoustic Performance: Excellent acoustic properties will help reduce sound transmission.

Moisture: GreenStuf® polyester 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%.

Biological Resistance: Polyester insulation is resistant to biological attack (bacterial and fungal resistance).

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

MSDS: Material Safety Data Sheets (MSDS) are available on request from your Autex Representative or by phoning Autex Customer Services freephone 0800 428 839.

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

VOC Emissions: Autex polyester has been tested by Cetec Pty Ltd (Report: CV080408) for chemical emission and is classified as low VOC. VOC concentration: 0.01 mg/m³

Environmental: All GreenStuf® products are manufactured from 100% polyester fibre and contain a minimum of 45% already recycled fibre (from PET plastic) and are manufactured under Autex's zero waste policy.

For more information please contact your Autex Account Manager or visit our website.

Availability: Autex GreenStuf® ADW products are exclusively available nationwide from Forman Building Systems.



www.forman.co.nz - 0800 45 4000

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20 Vestey Drive
Mt Wellington
Auckland

Hamilton

86 The Boulevard
Te Rapa
Hamilton

Wellington

77 Port Road
Seaview, Lower Hutt
Wellington

Christchurch

88 Hazeldean Road
Addington
Christchurch

Dunedin

8 Kitchener Street
Dunedin 9054

GreenStuf® is manufactured in New Zealand by Autex Insulation, a division of Autex Industries Limited. 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 Representative.

GreenStuf® is a registered trademark of Autex Industries.

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AUTEX



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