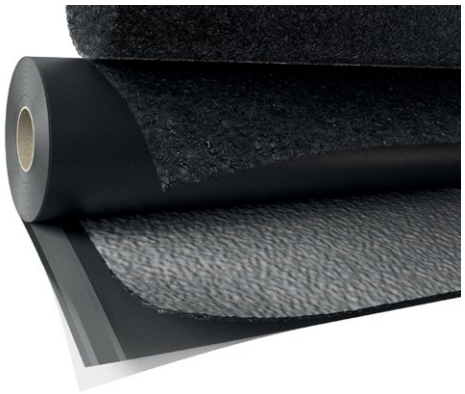
PASS™ PRODUCT ASSURANCE SUPPLIER STATEMENT
pass™ no: 19315 | Expires: 12/2025

rothoblaas

TRASPIR METAL



PURPOSE

RothoBlaas Traspir Metal is a protective, breathable roofing underlay designed for use with metal roofing profiles.

EXPLANATION

Traspir Metal is a breathable roofing underlay with 3D netting and protective felt.

Traspir 3D Coat TT comprises three layers of non-woven PP fabric, a middle layer of 3-dimensional PP fabric, and a PP breathable film. The fifth layer blocks impurities and improves ventilation. The underlay reduces noise from heavy rain by up to 4 dB and can be exposed to the weather for up to 4 weeks. When installed on a continuous support, it promotes micro-ventilation of metal roofs, preventing corrosion. Traspir 3D Coat TT is supplied in 1.35 m wide rolls, each 33 m in length.

3D Net is a 3-dimensional PP fabric. 3D Net is supplied in 1.25m wide rolls, each 50 m in length.

For further assistance please contact:

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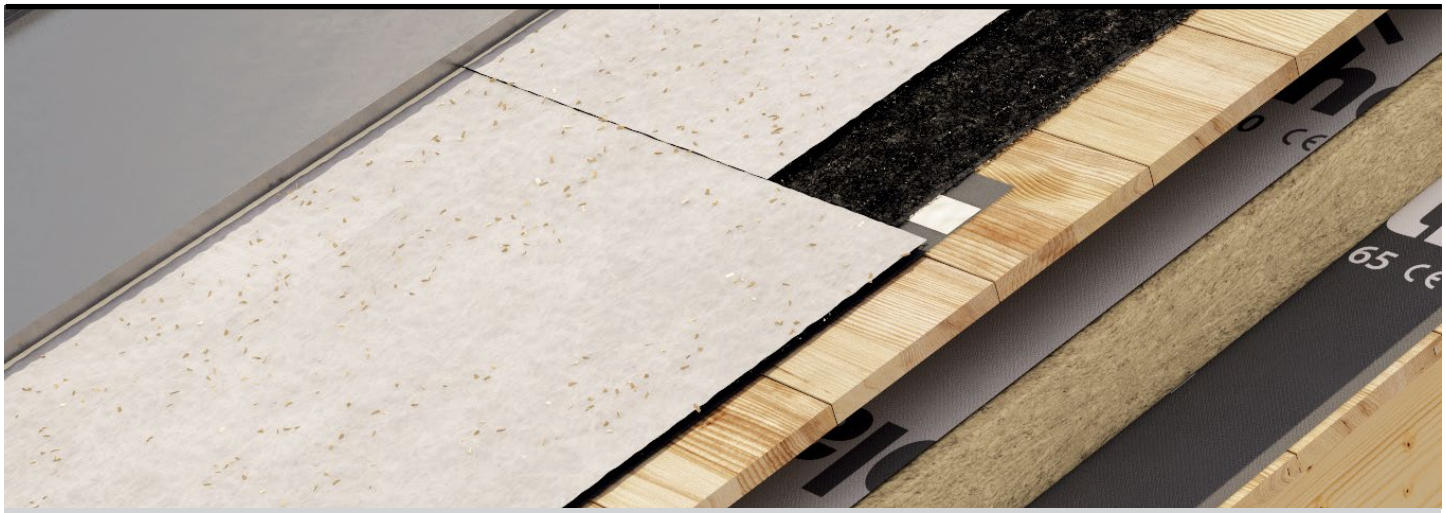
SCOPE AND LIMITATIONS OF USE

Scope	Limitations
Location	
In wind zones up to and including Extra High as defined in NZS 3604:2011 or to a wind design pressure (ULS) of 2.1 kPa.	
In all exposure zones as defined in NZS 3604:2011.	❯ All fixings must comply with E2/AS1 (Tables 20 and 24) and section 4 of NZS 3604:2011.
Building	
In conjunction with a primary structure that complies with the NZ Building Code or existing buildings where the designer and/or installer are satisfied that the existing building is suitable for the intended building work.	
In conjunction with timber or lightweight steel framing.	
As a roof underlay with metal tiles or profiled metal roofing.	❯ Where a fire retardant roofing underlay is required, Traspir Metal must be used in conjunction with a compatible Rothoblaas fire rated membrane, with prior consultation with Rothoblaas.



USEFUL INFORMATION

For design, installation and maintenance information, refer to **rothoblass.com**.

OTHER CERTIFICATIONS AND APPROVALS

Rothoblaas: ISO 9001:2015 [TUV NORD, 23/12/2022]

PERFORMANCE CLAIMS

If designed, installed and maintained in accordance with all Rotho Blaas New Zealand Ltd (Rothoblaas) requirements, Traspir Metal will comply with or contribute to compliance with the following performance claims:

NZ Building Code clauses	BASIS OF COMPLIANCE	
	Compliance statement	Demonstrated by
B2 DURABILITY B2.3.1 (a), B2.3.1 (b), B2.3.2	ALTERNATIVE SOLUTION	❯ CE approval to EN 13859. ❯ Properties similar/comparable to applicable NZS 2295 metrics as cited in Table 23 of E2/AS1 for synthetic underlays.
E2 EXTERNAL MOISTURE E2.3.2, E2.3.7	ALTERNATIVE SOLUTION	❯ CE approval to EN 13859. ❯ Properties comparable to applicable NZS 2295 metrics as cited in Table 23 of E2/AS1 for synthetic underlays: ❯ Tested to ISO 12572.2:2004 as per EN 13859 for water vapour resistance, comparable to ASTM E96 as per NZS 2295, as cited in Table 23 of E2/AS1. Achieves 0.1 MNs/g (exceeds NZS 2295 pass criteria). ❯ Absorbency tested to AS/NZS 4201.6, greater than 150 g/m2 in accordance with NZS 2295, as cited in Table 23 of E2/AS1. ❯ Tested to EN 1928:2000 as per EN 13859 (20 cm water column), and classified water resistant; tested to ISO 811, water resistant to greater than 250 cm of hydrostatic water pressure. Tests not equivalent to AS/NZS 4201.4:1994 as cited in NZS 2295 due to shorter test duration however, hydrostatic pressure resisted far greater than the 10 cm water column required by AS/NZS 4201.4, therefore material sufficiently water resistant. ❯ Tested to EN 12311.1. Machine direction tensile strength of 300 N/ 50 mm, and cross direction tensile strength of 220 N/ 50 mm, which exceeds NZS 2295 requirements of 100 N/50 mm (2 kN/m) machine direction tensile strength and 50 N/50 mm (1 kN/m) cross direction tensile strength, based on assumed comparability of temperature and relative humidity test parameters. ❯ UV testing to EN 12973 with wideband radiant exposure approximately equivalent to NZS 2295 specified narrowband irradiance. Change in tensile strength greater than 15% specified in NZS 2295, however, actual values achieved significantly greater than specified in NZS 2295, therefore material sufficiently UV resistant.
F2 HAZARDOUS BUILDING MATERIALS F2.3.1	ALTERNATIVE SOLUTION	❯ Supplied material is inert. ❯ Use in accordance with supplier's safety instructions.

SOURCES OF INFORMATION

❯ Rothoblaas. [n.d.] *Traspir Metal*. Data Sheet.
❯ TUV NORD. [21/12/2022] Certificate Registration No: 44 100 174 10004.

SCAN OR CLICK THIS QR CODE TO ACCESS OR REQUEST THE RELEVANT SUPPORTING DOCUMENTATION FOR THIS PASS™.
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1. Where a standard is referenced it is to be read as amended by the acceptable solution or verification method as applicable. 2. Sources of information also include the Building Act 2004 and its regulations, including the Building Code (Schedule 1 of the Building Regulations 1992), Acceptable Solutions and Verification Methods, and relevant cited standards. 3. The product is not subject to a warning or ban under section 26 of the Building Act. 4. For overseas manufacturer details, where applicable, refer to the company that is the holder of this pass™. 5. The quality and assurance that the supplied products meet the performance claims stated in this pass™ are the responsibility of the company that is the holder of this pass™. 6. The availability of the information about the supplied products required to be disclosed under s14G(3) is the responsibility of the company that is the holder of this pass™.

Rotho Blaas New Zealand Ltd (Rothoblaas) confirms that if Traspir Metal is used in accordance with the requirements of this pass™ the product will comply with the NZ Building Code and other performance claims set out in this pass™ and the company has met all of its obligations under s14G(2) of the Building Act.

Date of first issue: 12/12/2024
Date of current issue: 12/12/2024
NZBN: 9429049757729

Kevin Brunton

Kevin Brunton, Technical Director, TBB confirms that the process used to prepare this pass™ on behalf of Rotho Blaas New Zealand Ltd (Rothoblaas) has been undertaken in accordance with MBIE PTS guidelines and in accordance with the TBB pass™ process which is within the scope of TBB's ISO 9001 certification.

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