

PRODUCT TECHNICAL STATEMENT

DriStud Wall Wrap

Fire Retardant High Performance Synthetic Wall Underlay

DriStud Wall Wrap is a white, fire retardent, absorbent, flexible, tri-laminate, synthetic non-woven building wrap. Installed over wall framing it provides the secondary protective weather resistant layer which prevents the accumulation of moisture.

Compliance with the NZ Building Code is assured as it has CODEMARK.

USE: *in accordance with the requirements of NZBC E2/AS1*

- DriStud Wall Wrap is intended for use on buildings designed in accordance with NZS 3604:2011 paragraph 1.1 and in Wind Zones up to and including 'Very High' and "Extra High" when used as a flexible underlay over a rigid wall underlay.
- DriStud Wall Wrap may also be used in conjunction with the oriented strand board, concrete, fibre cement and plywood.
- It can go behind all Cladding and can be installed over timber and steel framing. Where DriStud Wall Wrap is to be installed over steel framing it is important to ensure an adequate thermal break has been installed.
- It can be used as an air barrier in unlined wall spaces including gable ends.
- Is suitable for direct fixing behind non-absorbent cladding including metal cladding or over a nominal 18mm ventilated cavity per table 3, E2/AS1.

NZBC CLAUSES

When specified and installed in accordance with the requirements of this certificate, DriStud Wall Wrap will comply with the following provisions of the NZ Building Code;

- B1.3.1, B1.3.2, B1.3.3 (a, c, q), B1.3.4 (a, b, c, d, e) B2.3.1 (a), B2.3.2 (a)
- C3.4(c)
- E2.3.2, E2.3.7 (a, b, c)
- F2.3.1

Table 1: NZBC E2/AS1 Table 23 Requirements

	Property	Test Method	Requirements	Results (average)
1	Water Vapour Resistance	ASTM E96 Procedure B	$\leq 7 \text{ MN s/g}$	$\leq 0.50 \text{ MN s/g}$
2	Absorbency	AS/NZS 4201: Part 6	$\geq 100 \text{ g/ m}^2$	196 g/m²
3	Air Resistance	BS ISO 5636-5:2003	$\geq 0.1 \text{ MN s/m}^3$	0.42 MN s/m³
4	Water Resistance	AS/NZS 4201.4:1994	$\geq 20\text{mm}$ water head	Pass
5	Flammability	AS 1530.2:1993	$\leq \text{Index 5}$	Pass
6	Tensile Strength	ASTM D882		MD: > 2 KN/m
				CD: > 1 KN/m
7	Edge Tear Resistance	TAPPI T470		MD: > 100 N
				CD: > 55 N
8	UV exposure	ASTM G154		60 days

Test results may be available upon request, providing the information is not commercially sensitive.



Distributed by TCL Hunt
7 Fisher Crescent, Mt. Wellington
Auckland, New Zealand

Revision C
032020

PRODUCT TECHNICAL STATEMENT

CONDITIONS & LIMITATIONS

Where Codemark is to be relied upon, then all conditions of that certificate must be met. These are:

1. TCL Hunt Ltd will notify AsureQuality in accordance with Regulation 15 of the Building (Product Certification) Regulations 2008
2. May be used in importance level 1 and 2 buildings up to and including a Wind Zone of 'Very High' and in all corrosion zones, as defined in NZS3604:2011. Where a Wind Zone greater than 'Very High', DriStud Wall Wrap may still be suitable but a registered engineer should be consulted and the use falls outside the scope of this certificate.
3. Where it is to be installed in an existing building, the designer and installer must assure themselves that the existing building is suitable for the intended building work and that the provisions of s112 of the NZ Building Act 2004 will be met.
4. DriStud Wall Wrap is suitable for use with steel or timber framing.
5. May be installed in conjunction with direct fixed and cavity systems where absorbent or non-absorbent claddings are specified.
6. Where a flashing tape, other than DriStud Cool Window Flashing Tape or DriStud Bozz Window Flashing Tape is used, the installer and designer must assure themselves that the tape is suitable for the intended building work.
7. Must be installed in accordance with the DriStud Installation Manual. This is available at www.dristud.co.nz
8. Irrespective, TCL Hunt recommends that all conditions of the certificate are met.

INSTALLATION

DriStud Wall Wrap must be installed in accordance with Dristud Wall Wrap Instruction Manual. Please go to DriStud website to download the file.

DriStud Wall Wrap is intended to be used in conjunction with DriStud Bozz Window Flashing Tape or DriStud Cool Window Flashing Tape.

MAINTENANCE

DriStud Wall Wrap does not require any maintenance but when exposed through removal of cladding, the wrap must be inspected and any damaged areas repaired or replaced.

STORAGE & TRANSPORTATION

DriStud Wall Wrap rolls must be stored in a clean, dry place and must be protected from damage and weather. Dristud Wall Wrap must not be exposed to UV light for more than 60 days.

QUALITY ASSURANCE

The manufacture of DriStud Wall Wrap is ISO9001:2008 certified by Q.A. International Certification Limited (No. QAIC/KR/6001-A) on 20 January 2015.

TCL Hunt is ISO9001:2008 certified by International Certifications (No. C32413) on 5 December 2013.

WARRANTY

Please refer to DriStud website www.dristud.co.nz for more information on the warranty conditions.

