

PRODUCT TECHNICAL STATEMENT

DriStud RU 24

Non-Fire Retardant, Self-Supporting Synthetic Roof Underlay

DriStud RU 24 is a black faced self-support, synthetic roof underlay. It is a micro porous, water resistant film that is laminated to two layers of non-woven spun-bonded polyolefin. DriStud RU 24 is designed to be used as an underlay beneath all types of roof claddings to assist with the weather tightness of buildings. DriStud RU 24 has a FR Index of 9 and therefore it is classified as a Non-Fire Retardant roof underlay.

USE

DriStud RU 24 is intended for use on buildings designed in accordance with NZS 3604:2011 paragraph 1.1 and in wind zones up to and including 'Extra High'.

DriStud RU 24 is designed to be used as a replacement for self-supporting kraft paper roof underlay. It can be installed over both timber and steel framing to ensure a dry roof cavity. DriStud RU 24 can be used under:

Masonry tiles

Metal tiles

Profiled metal roof claddings

However, DriStud RU 24 must not span more than 1.2 m between adjacent supports.

CONDITIONS & LIMITATIONS

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

1. Must be installed in accordance with the DriStud RU 24 Installation Guide Rev 1.
 2. DriStud RU 24 may be installed over timber and steel roof framing.
 3. The certificate covers the use of DriStud RU 24 under: Masonry tiles, Terracotta tiles, metal tiles, Profiles metal claddings, slate and composite panels.
 4. DriStud RU 24 can span up to 1200mm between adjacent supports. Where the span exceeds 1200mm a corrosion resistant mesh or alternative i.e. plastic strapping must be used.
- Irrespective TCL Hunt recommends that all conditions of the certificate are met.

INSTALLATION

DriStud RU 24 must be installed in accordance with DriStud RU 24 Installation Guide Rev 1. DriStud RU 24 cannot be installed where Fire Retardant Roof underlay is specified.

MAINTENANCE

DriStud RU 24 does not require any maintenance but when exposed through removal of roofing materials, it is recommended that the underlay be inspected and any damaged areas repaired or replaced.

STORAGE & TRANSPORTATION

DriStud RU 24 rolls must be stored in a clean, dry place and must be protected from damage and weather. DriStud RU 24 must not be exposed to UV light for more than 7 days.

QUALITY ASSURANCE

The manufacture of DriStud RU 24 is ISO9001:2008 certified by Q.A. International Certification Limited (No. QAIC/KR/6001-A) on 20 January 2015.

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



PRODUCT TECHNICAL STATEMENT

DriStud RU 24

Non-Fire Retardant, Self-Supporting Synthetic Roof Underlay

NZBC CLAUSES

If designed, installed and maintained in accordance with all TCL Hunt requirements, DriStud RU 24 will comply with the following performance criteria of the NZ Building Code:

B1.3.1

B1.3.2

B1.3.3 (a), (h)

B2.3.1 (a)

B2.3.2 (b)

F2.3.1

And will contribute to compliance for:

E2.3.1

E2.3.2

E2.3.7 (a), (b), (c)

Technical Data: NZS 2295:2006 Pliable, Permeable Building Underlays

	Property	Test Method	Requirement	Results
1	Water Vapour Resistance	ASTM E96 Procedure B	$\leq 7\text{MN s/g}$	0.303 7MN s/g
2	Absorbency	AS/NZS 4201: Part 6	$\geq 150\text{ g/m}^2$	Pass
3	Air Permeance	BS ISO 5636-5:2003		0.068 um/Pa.s
4	Water Resistance	AS/NZS 4201.4:1994	$\geq 100\text{mm H}_2\text{O}$	Pass
5	Flammability	AS 1530.2:1993	FR Index ≤ 5	FR Index 9 Non-Fire Retardant
6	Mechanical	ASTM D882	Tensile Strength	MD: > 3.99 CD: > 3.48
7	Edge Tear Resistance	TAPPI T470	Edge tear strength	MD: > 197 CD: > 175

WARRANTY

Please refer to DriStud website www.dristud.co.nz for more information on warranty and disclaimer.

FURTHER INFORMATION

Contact 0800 DRISTUD (0800 374 7883)

www.dristud.co.nz

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 1
December 2015

For further information please visit www.dristud.co.nz or call 0800 DRISTUD (374 7883).