

# PRODUCT TECHNICAL STATEMENT

## DriStud RU24 Roof Underlay

Non-Fire Retardant, Self-Supporting, Synthetic Roof Underlay

DriStud RU24 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 RU24 is designed to be used as an underlay beneath all types of roof claddings to assist with the weather tightness of buildings. DriStud RU24 has a FR Index of 9 and therefore it is classified as a non-fire retardant roof underlay. DriStud RU24 can be used to line roofs, walls, and ceilings.

### USE:

DriStud RU24 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 RU24 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 RU24 can be used under masonry tiles,

metal tiles and profiled metal roof claddings. However, DriStud RU24 must not span more than 1.2 m between adjacent supports.

### NZBC CLAUSES

If designed, installed, and maintained in accordance with all TCL Hunt requirements, DriStud RU24 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	≤ 7MN s/g	0.303 7MN s/g
2 Absorbency	AS/NZS 4201: Part 6	≥ 150 g/m <sup>2</sup>	Pass
3 Air Permeance	BS ISO 5636-5:2003		0.068 um/Pa.s
4 Water Resistance	AS/NZS 4201.4:1994	≥ 100mm H <sub>2</sub> 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

### CONDITIONS & LIMITATIONS

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

- Must be installed in accordance with the DriStud RU24 installation guide.
- DriStud RU24 may be installed over timber and steel roof framing.
- The certificate covers the use of DriStud RU24 under masonry tiles, terracotta tiles, metal tiles, profiles metal claddings, slate, and composite panels.
- DriStud RU24 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.

### MAINTENANCE

DriStud RU24 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 RU24 rolls must be stored in a clean, dry place and must be protected from damage and weather. DriStud RU24 must not be exposed to UV light for more than 7 days.



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



A DIVISION OF TCL HUNT

# PRODUCT TECHNICAL STATEMENT

## QUALITY ASSURANCE

The manufacture of DriStud RU24 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.

## WARRANTY

Please refer to DriSpace website [www.drispace.co.nz](http://www.drispace.co.nz) for more information on the warranty conditions.

For further information please visit  
[www.drispace.co.nz](http://www.drispace.co.nz) or call **0800 DRISTUD**  
**(374 7883)**.