



# DRISTUD RU22 ROOF UNDERLAY

## NON-FIRE RETARDANT, SELF-SUPPORT, SYNTHETIC ROOF UNDERLAY

### OVERVIEW

DriStud RU22 is a 145 gsm, grey faced, self-support, synthetic roof underlay. It is micro porous, water resistant film that is laminated to two layers of non-woven spun-bonded polyolefin. DriStud RU22 is non-fire retardant. DriStud RU22 can be used to line roofs, walls and ceilings.

### USE

DriStud RU22 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 RU22 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 RU22 can be used under masonry tiles, metal tiles and profiled metal roof claddings. However, DriStud RU22 must not span more than 1.2 m between adjacent supports.



REV 1 AUG 2023

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### NZBC CLAUSES

If designed, installed, and maintained in accordance with all TCL Hunt Requirements, DriStud RU22 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)

### CONDITIONS & LIMITATIONS

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

- Must be installed in accordance with the DriStud RU22 Installation Guide
- For unlined structures, FRU36 should only be installed in areas where it is not exposed to UV or reflected UV light and must be kept away from fumes. The DriSpace warranty does not cover unlined structures with UV or fume exposure.
- DriStud RU22 may be installed over timber and steel roof framing.
- DriStud RU22 can be used under masonry tiles, terracotta tiles, metal tiles, profiles metal claddings, slate, and composite panels.
- DriStud RU22 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.
- For further details, refer to the MRM Code of Practice or consult with industry experts or designers.

Irrespective, TCL Hunt recommends that all conditions of the certificate are met.

### TECHNICAL DATA

Property	Test Method	Requirements	Results
Water Vapour Resistance	ASTM E96 Procedure B	≤ 7MN s/g	Pass
Absorbency	AS/NZS 4201: Part 6	≥ 150 g/m <sup>2</sup>	Pass
Water Resistance	AS/NZS 4201.4:1994	≥ 100mm H <sub>2</sub> O	Pass
Flammability	AS 1530.2: 1993	FR Index ≤ 5	Non-fire retardant
Mechanical	ASTM D882	Tensile Strength	MD: > 3
			CD: > 2.5
Edge Tear Resistance	TAPPI T470	Edge Tear Strength	MD: > 150
			CD: > 130

REV 1 AUG 2023

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### MAINTENANCE

DriStud RU22 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 RU22 rolls must be stored in a clean, dry place and must be protected from damage and weather. DriStud RU22 must not be exposed to UV light for more than 7 days.

### QUALITY ASSURANCE

The manufacture of DriStud RU22 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.drinspace.co.nz](http://www.drinspace.co.nz) for more information on the warranty conditions.

REV 1 AUG 2023