

# PRODUCT TECHNICAL STATEMENT

## DriStud F3 Double Sided Foil Insulation

### Standard Weight, Double Sided Foil Insulation

DriStud F3 is a standard weight, fire retardant, medium duty, double sided reflective foil insulation designed for use as insulation and condensation control under metal in commercial and industrial buildings. It is a high water barrier, medium vapour barrier product, ideal for steel roofs. It provides extra R-value from inward and outward facing reflective surfaces when used in conjunction with adjacent air spaces.

#### USE:

DriStud F3 is designed for use on a Roof and Roof Sarking in Commercial, Industrial and Farm Buildings in all regions of New Zealand. Durability may be affected by environmental factors, including Airborne Pollutants.

#### COMPLIANCE

DriStud F3 has been tested to AS/NZS 4200:1994 and meets all the requirements of the NZBC Clauses B2, Durability (B2.3.1[b] 15 years), E2 External Moisture E2.3.2, F2 Hazardous Building Materials F2.3.1.

1	Total Weight		103 ±5 g/m <sup>2</sup>
2	Flammability Index	AS1530.2-1993	Low
3	Duty	AS/NZS 4200.1:1994	Medium
4	Reflectivity		Side A: 97% Side B: 97%
5	Resistance to Water Penetration	AS/NZS 4201.4:1994	High
6	Vapour Barrier	ASTM E96	Medium

#### CONDITIONS & LIMITATIONS

DriStud F3 is not designed to withstand prolonged direct exposure to the elements. The outer construction envelope of this product should be installed the same day as the metal roof. The Aluminium Foil should not come into contact with wet concrete or mortar, as the aluminium is susceptible to alkali corrosion. If installed within 500 metres of the sea where foil surfaces may be exposed to a corrosive atmosphere (including agricultural sheds), foil surfaces should face an enclosed, un-vented air space. To ensure optimal thermal insulation performance, as well as satisfactory durability, a 25mm air space adjacent to the foil side of the product is recommended.

#### INSTALLATION

TCL Hunt stresses the importance of safe installation practices for foil-based insulation as critical to installer and consumer safety. Installers must be aware of live wires and use non-conductive nylon staples where possible. DriStud F3 must be installed in accordance with the DriStud F3 Installation Manual. The Installation manual is available on [www.drinspace.co.nz](http://www.drinspace.co.nz).

#### STORAGE & TRANSPORTATION

This product should be stored under cover in a clean, dry place in the pack provided.

#### MAINTENANCE

This product is normally installed on a commercial roof or on the roof sarking and is difficult to be accessed.

#### WARRANTY

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

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