

## PRODUCT TECHNICAL STATEMENT



# DriStud ProctorGeo HC9 Drainage Mat



### INTRODUCTION

Moisture can potentially build up under metal roof sheeting and cause structural damage and corrosion of the roof sheet. Designed for such applications, DriStud ProctorGeo HC9 Drainage Mat is a three dimensional shaped mesh of UV stabilized polypropylene monofilaments (9mm thick), tangled and fused together.

### APPLICATIONS

DriStud ProctorGeo HC9 is used to provide permanent drainage and ventilation between the roof sheeting and roofing underlay. It also offers provides significant sound reduction from rain impact noise. It is designed for use under all types of long-run steel profiles.

When used in conjunction with a DriStud roofing underlay and DriStud Joining Tapes, this offers a complete roofing underlay solution for zinc, copper and other standing seam roof systems.

### KEY FEATURES & ADVANTAGES

- Provides a permanent drainage channel for condensate or moisture that may get under the roof sheet.
- Provides space for continuous air movement between the roof/underlay and metal roof.
- Reduces corrosion risk – of particular important with zinc or galvanized steel roof sheets.
- Reduction in rain and hail impact noise on metal roofing of up to 24.8dB.
- Allows for some movement of the roof sheet under temperature fluctuation.
- Contributes to reduction in temperature of the roof substrate in summer conditions.
- Allows for evaporation of moisture from the roofing structure when used in conjunction with a DriStud synthetic roofing underlay and ProctorPassive Wraptite SA.
- Low water storage potential.
- Flexible and lightweight for ease of install.
- Easily cut with scissors or knife.
- Low Flammability (tested to AS1530.2) with Flammability Index of  $\leq 5$ .

### INSTALLTION

ProctorGeo HC9 Drainage Mat is usually installed between the synthetic roofing underlay and the roof or wall cladding. Where a space needs to be maintained between a timber sarking and underlay the HC9 can also be used in this application. ProctorGeo HC9 Drainage Mat is flexible and light weight for ease of installation. Use scissors or knife to cut as required.

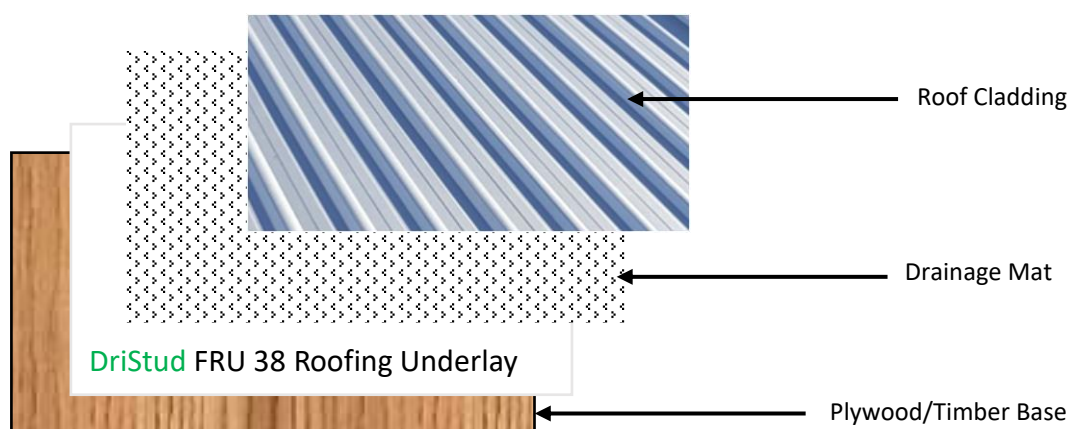
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#### ProctorGeo HC9 Drainage Mat

Distributed by **DriStud** – a division of TCL Hunt  
7 Fisher Crescent, Mt. Wellington  
Auckland, New Zealand

Revision 1.0  
May 2019

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### TECHNICAL DATA

Property	Test Method	Results
Weight	EN 1849-2	350g/m <sup>2</sup> (±5%)
Thickness	EN 1849-2	9mm (±15%)
Temperature Range		-20°C / 80°C
Reaction to fire	EN 13501-2	Class E
Flammability Index	AS1530.2	Low (≤5)
Ignitability Index	AS1530.3	0
Spread of Flame Index	AS1530.3	0
Heat Evolved Index	AS1530.3	0
Smoke Developed Index	AS1530.3	2
Tensile Strength	EN 12311-2	MD: 70N/50mm (±15%)
		CD: 40N/50mm (±15%)
UV Stability		2 weeks

### PRODUCT SIZE

Width	Length	m <sup>2</sup> per roll
1400mm	30m	42m <sup>2</sup>

### STORAGE & TRANSPORTATION

ProctorGeo HC9 Drainage Mat must be stored away from direct sunlight.

*The details supplied here are based upon good practice and currently available information. Please contact us to discuss your project and any technical enquiries.*

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