



H1 VENTILATION SOLUTION

Systems for Cold Roofs





DRISPACE

Majority of New Zealand roofs are not designed to accommodate insulation and H1 changes. To achieve warmer, healthier more energy-efficient homes in accordance with H1 Changes, DriSpace has the system solutions for all roof pitches and design. Together, with DriStud roof underlays, Vent Passive Ventilation and ProctorPassive airtight membranes, DriSpace has the H1 Solutions.

DriSpace product range consists of three brands, with varying technical capabilities to achieve energy-efficiency and warmer, healthier homes.

- DRISTUD: Fire Retardant Wall Wrap, Fire Retardant and non-Fire Retardant Roof Underlays, Window Flashing Tape and Self-Supporting White Faced Foils.
- VENT: Passive Ventilation products for roof and wall
- PROCTORPASSIVE: Technical airtight membranes, ranging from high vapour permeable self-adhesives, UV resistant membranes and vapour retarder and convection barriers.

TCL Hunt has a Quality Management System which includes ISO 9001 certification. That said, there is no finish line in business, so all staff are committed to the process of continuous improvement, relishing the challenge to always provide best practice solutions, with products and services that build trust and maintain customer confidence and loyalty.

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Trussed Roof Systems

FOR STEEL LONG RUN AND PRESSED TILE ROOF ■ 3° TO LESS THAN 30°

ROOF PITCH	DRISPACE SPECIFICATIONS	SYSTEM COMPONENTS
3 to less than 15°	<ul style="list-style-type: none"> For low roof pitch use G2500N Over Fascia Vent Ventilated cold roof with high vapour permeable synthetic roof underlay Use FRU38 for fire retardant and RU24 for non-fire retardant 	FRU38 or RU24 Roof Underlay G2500N - Over Fascia Vent G502 - Insulation Guard/Roll Panel Vent
15° to less than 30°	<ul style="list-style-type: none"> For greater than 15° pitch, use G1200N Over Fascia Vent Ventilated cold roof with high vapour permeable synthetic roof underlay Use FRU38 for fire retardant and RU24 for non-fire retardant 	FRU38 or RU24 Roof Underlay G1200N - Over Fascia Vent G502 - Insulation Guard/Roll Panel Vent

Optional:

VB10 - 10mm Ventilation & Drainage Batten - For steel longrun with large surface contact areas with roof underlays, it is recommended ventilation and drainage above the underlay is created to defer the dew point condensation from the steel longrun.

G1275 - Eaves Comb Filler - Designed with flexible fingers that adjust to fill the gaps left when using profiled tiles or steel roof cladding, preventing entry of birds and large insects.

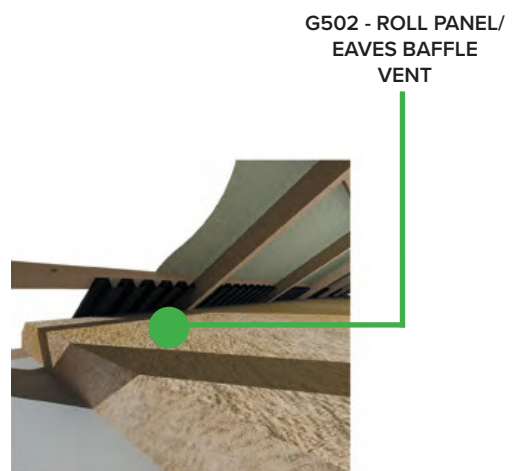
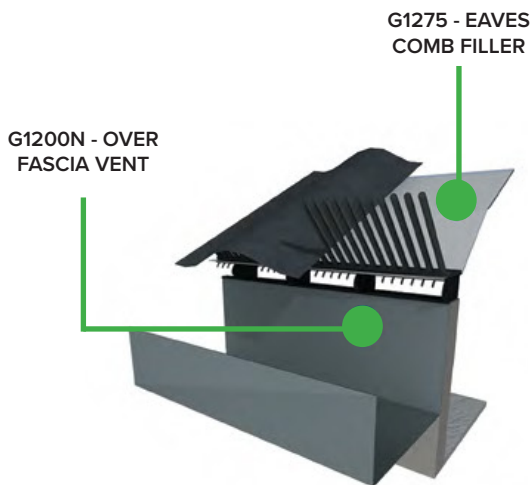
USE CASE

- High vapour permeable synthetic roof underlays and Vent products are used to minimise condensation and mould growth in cold roof.
- For Roof Pitch 3° to less than 15°, use G2500N Over Fascia Vent to allow maximum of 25,000mm² per LM airflow.
- For Roof Pitch 15° to less than 30° use G1200N Over Fascia Vent to allow maximum of 10,000mm² per LM airflow.
- Use FRU38 for intertenancy dwellings or fire retardant performance is required.

BENEFITS

The systems includes DriStud Roof Underlays and Vent components that form part of a passive ventilation system that works year around with no moving parts or energy consumption with 4mm vents preventing ingress of nesting insects.

The system is compatible with timber and metal frames and suitable for up to and including 'Extra High' wind zone (NZS 3604).

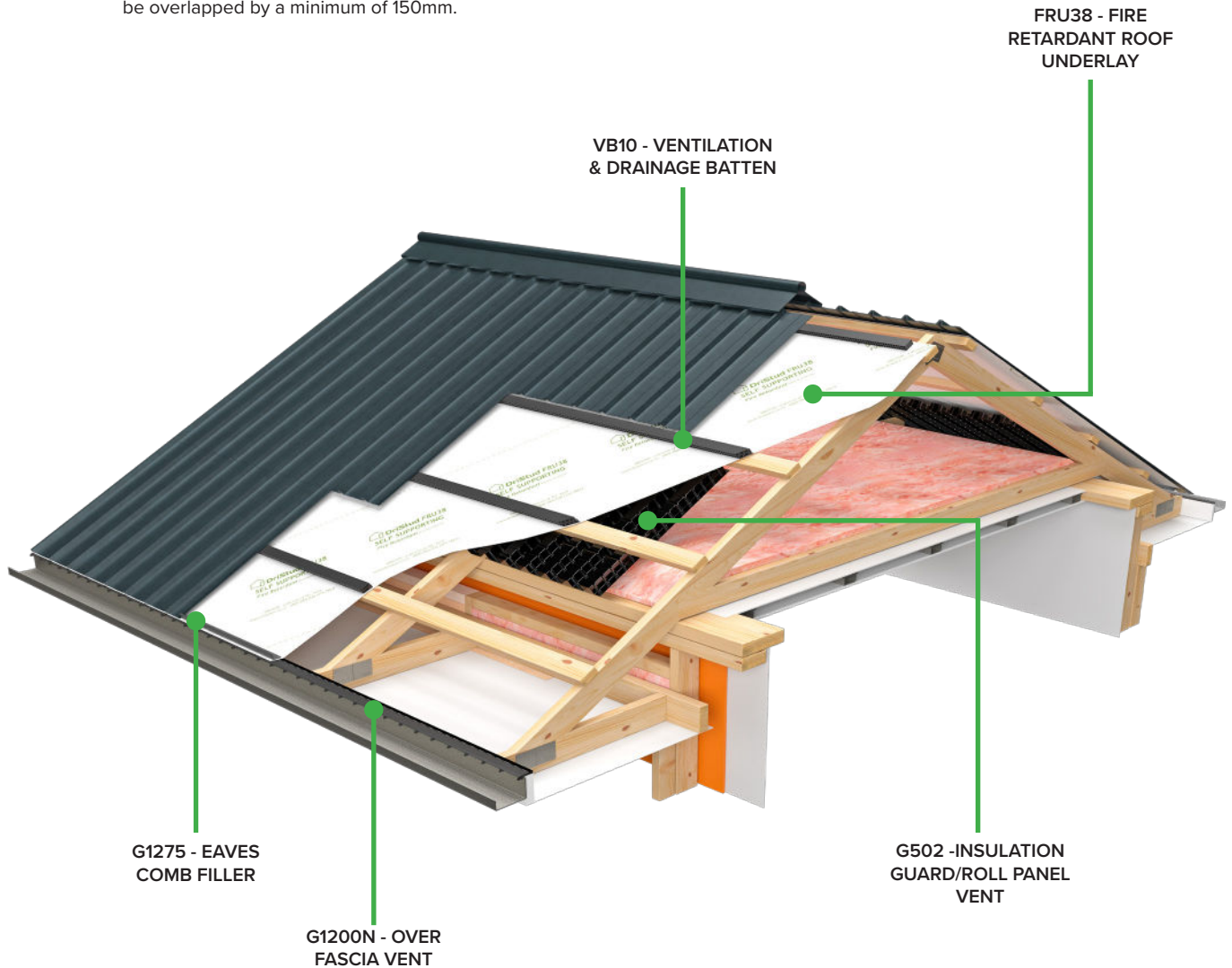


LINING

1. Lay the G502 Insulation Guard across the top of the roof trusses/rafters and roll out the full length of the eaves and adjust to align with the required roof truss centres. Nail or staple to secure in position.
2. a) For Roof Pitch less than 15°: Fix G2500N Over Fascia Vent using nails or screws to the top of the fascia board through the fixing holes provided along the full length of the eaves. Minimum 20mm gap between the bottom purlin and Over Fascia Vent is required for air flow.
b) For Roof Pitch greater than 15°: Fix G1200N using nails or screws to the top of the fascia board through the fixing holes provided along the full length of the eaves. Where underlay span is greater than 1200mm or the roof pitch is under 10°, wire netting*, plastic strapping or other strong materials must be installed at right angles across the purlins and draw taut before fixing.
3. Terminating the underlays at the ridge purlins.
4. Apply DriStud FRU38 or RU24 roof underlay from the lowest point to allow laps to shed water. Pull taut to prevent ponding of water. All edge and end laps must be overlapped by a minimum of 150mm.

FIXINGS / FRAMING

- Framing must be specified and installed in accordance with NZBC 3604.
- For timber structures fixing or fasteners for roof underlays shall be placed no further than 300mm apart.
- Self tapper to fix on metal fascia, nails for timber fascia for G1275, G2500N, and staples for G502.
- Fascia height to drop by 18mm and 32mm to allow for G1200N and G2500N Over Fascia Vent respectively.



Trussed Mono Pitch Roof System

FOR STEEL LONG RUN ■ 3° TO LESS THAN 30°

ROOF PITCH	DRISPACE SPECIFICATIONS	SYSTEM COMPONENTS
3 to less than 15°	<ul style="list-style-type: none"> For low roof pitch use G2500N Over Fascia Vent Ventilated cold roof with high vapour permeable synthetic roof underlay Use FRU38 for fire retardant and RU24 for non-fire retardant 	FRU38 or RU24 Roof Underlay G2500N - Over Fascia Vent G502 - Insulation Guard/Roll Panel Vent RV10P/RV10DT - Ridge Vent (cut in half to use as Apron Vent)
15° to less than 30°	<ul style="list-style-type: none"> For greater than 15° pitch, use G1200N Over Fascia Vent Ventilated cold roof with high vapour permeable synthetic roof underlay Use FRU38 for fire retardant and RU24 for non-fire retardant 	FRU38 or RU24 Roof Underlay G1200N - Over Fascia Vent G502 - Insulation Guard/Roll Panel Vent

Optional:

VB10 - 10mm Ventilation & Drainage Batten - For steel longrun with large surface contact areas with roof underlays, it is recommended ventilation and drainage above the underlay is created to defer the dew point condensation from the steel longrun.

G1275 - Eaves Comb Filler - Designed with flexible fingers that adjust to fill the gaps left when using profiled tiles or steel roof cladding, preventing entry of birds and large insects.

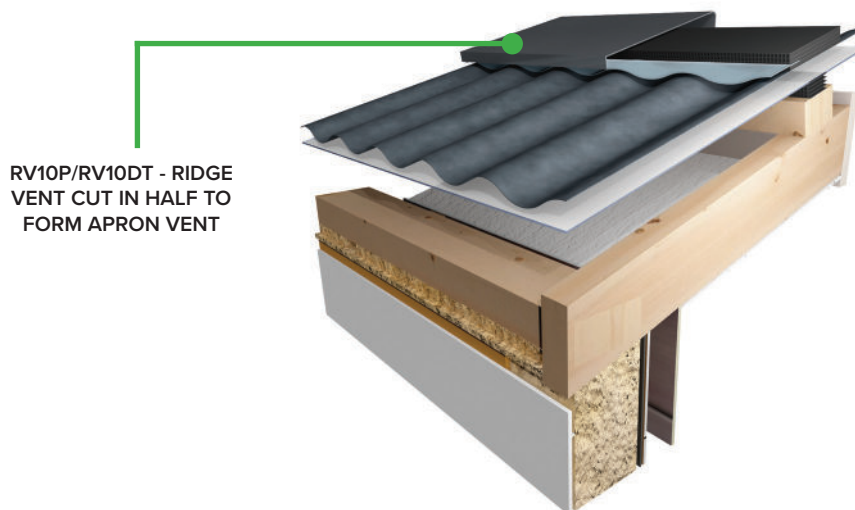
USE CASE

- A complete ventilated roof system with airflow through Over Fascia Vent and release warm air using the natural convection of rising air of 8,000m² LM through the abutment or barge to minimise condensation or mould in the roof space.
- The systems include high vapour permeable synthetic DriStud roof underlays and Vent products.
- For Roof Pitch 3° to less than 15°, use G2500N Over Fascia Vent to allow maximum of 25,000mm² per LM airflow.
- For Roof Pitch 15° to less than 30° use G1200N Over Fascia Vent to allow maximum of 10,000mm² per LM airflow.
- Use FRU38 for intertenancy dwellings or fire retardant performance is required.

BENEFITS

The systems includes DriStud Roof Underlays and Vent components that form part of a passive ventilation system that works year around with no moving parts or energy consumption with 4mm vents preventing ingress of nesting insects.

The system is compatible with timber and metal frames and suitable for up to and including 'Extra High' wind zone (NZS 3604).

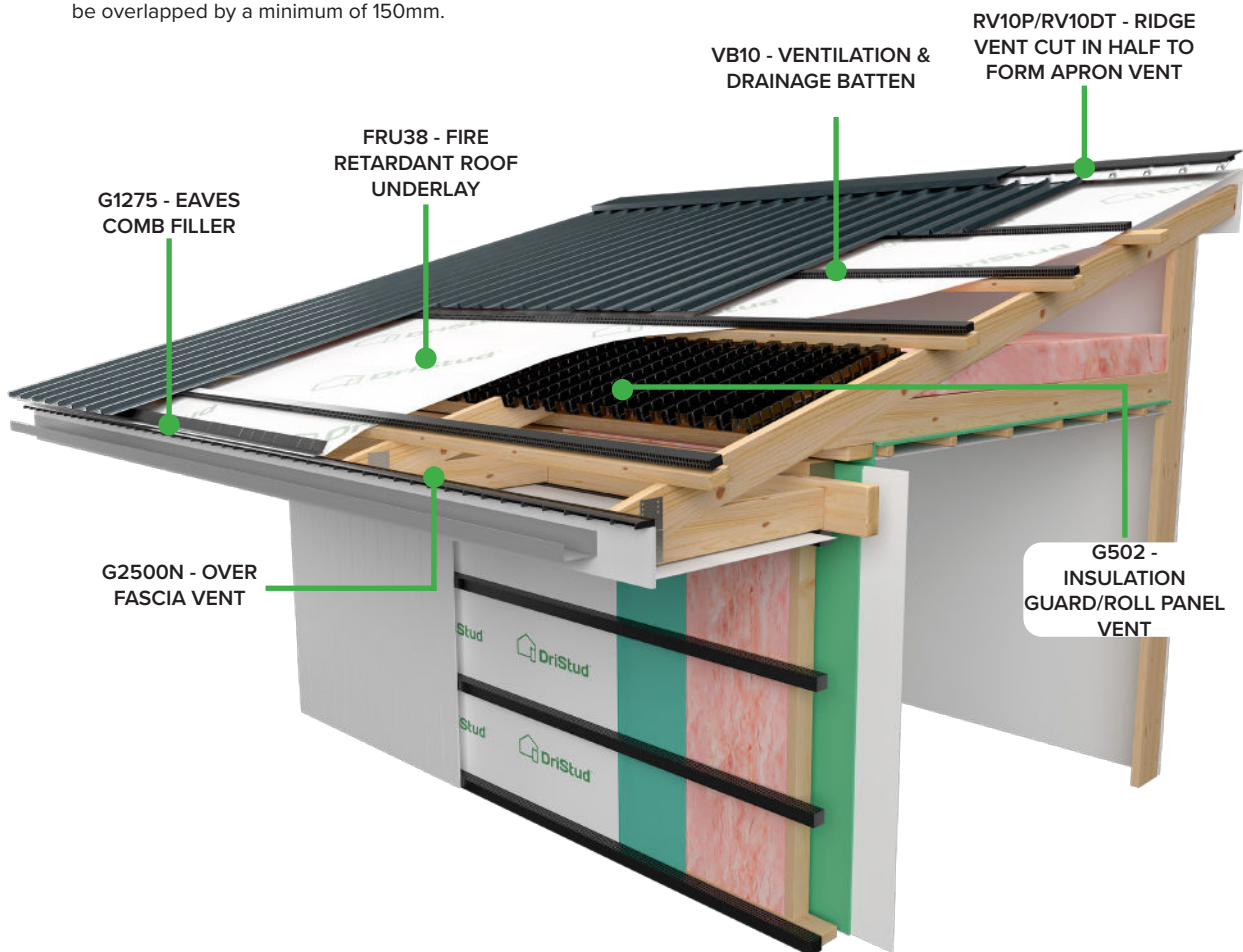


LINING

1. Lay the G502 Insulation Guard across the top of the roof trusses/rafters and roll out the full length of the eaves and adjust to align with the required roof truss centres. Nail or staple to secure in position.
2. a) For Roof Pitch less than 15°: Fix G2500N Over Fascia Vent using nails or screws to the top of the fascia board through the fixing holes provided along the full length of the eaves. Minimum 20mm gap between the bottom purlin and Over Fascia Vent is required for air flow.
b) For Roof Pitch greater than 15°: Fix G1200N using nails or screws the top of the fascia board through the fixing holes provided along the full length of the eaves. Where underlay span is greater than 1200mm or the roof pitch is under 10°, wire netting*, plastic strapping or other strong materials must be installed at right angles across the purlins and draw taut before fixing.
3. Install RV10P for trough less than 34mm or RV10DT for trough greater than 34mm. Cut RV10P or RV10DT in half lengthwise for abutments and barge details.
4. Terminating the underlays at the top purlins.
5. Apply DriStud FRU38 or RU24 roof underlay from the lowest point to allow laps to shed water. Pull taut to prevent ponding of water. All edge and end laps must be overlapped by a minimum of 150mm.

FIXINGS / FRAMING

- Framing must be specified and installed in accordance with NZBC 3604.
- For timber structures fixing or fasteners for roof underlays shall be placed no further than 300mm apart.
- Self tapper to fix on metal fascia, nails for timber fascia for G1275, G2500N, and staples for G502.
- Fascia height to drop by 18mm and 32mm to allow for G1200N and G2500N Over Fascia Vent respectively.



Skillion Roof Systems

STEEL LONG RUN ROOF 3° OR ABOVE

ROOF PITCH	DRISPACE SPECIFICATIONS	SYSTEM COMPONENTS
3° or above	<ul style="list-style-type: none"> Ventilated cold roof with high vapour permeable synthetic roof underlay Use FRU38 for fire retardant and RU24 for non-fire retardant 	FRU38 or RU24 Roof Underlay G2500N - Over Fascia Vent VB20 - Vented Batten RV10P/RV10DT - Ridge Vent

Optional:

VB10 - 10mm Ventilation & Drainage Batten - For steel longrun with large surface contact areas with roof underlays, it is recommended ventilation and drainage above the underlay is created to defer the dew point condensation from the steel longrun.

G1275 - Eaves Comb Filler - Designed with flexible fingers that adjust to fill the gaps left when using profiled tiles or steel roof cladding, preventing entry of birds and large insects.

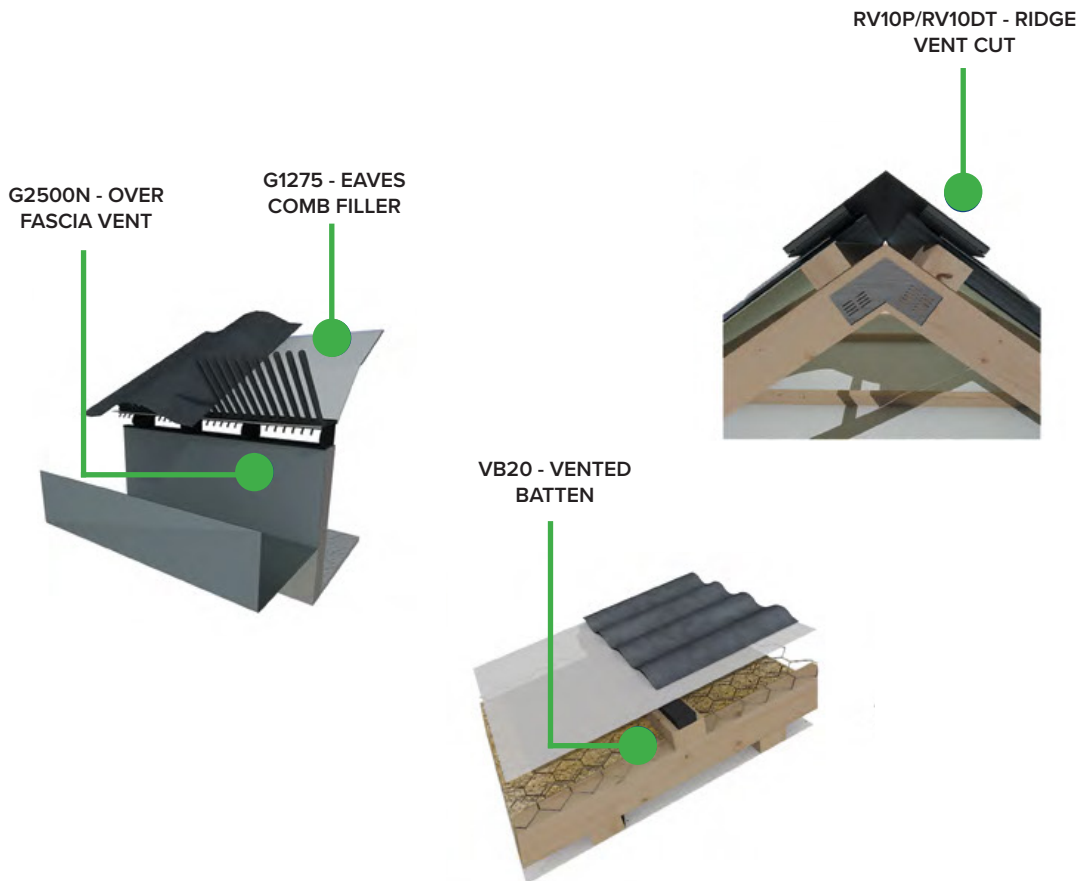
USE CASE

- High vapour permeable synthetic roof underlays and Vent products are used to allow airflow in the roof cavity and minimise condensation and mould growth in cold roof.
- A complete ventilated skillion roof system with 25,000mm² per LM airflow in from the eaves and release air using the natural convection of rising warm air of 8,000mm² per LM through the apex to minimise condensation and mould growth.
- Use FRU38 for intertenancy dwellings or fire retardant performance is required.

BENEFITS

The systems includes DriStud Roof Underlays with high vapour permeability for direct fixing with metal longrun and Vent components that form part of a passive ventilation system that works year around with no moving parts or energy consumption with 4mm vents preventing ingress of nesting insects.

The system is compatible with timber and metal frames and suitable for up to and including 'Extra High' wind zone (NZS 3604).

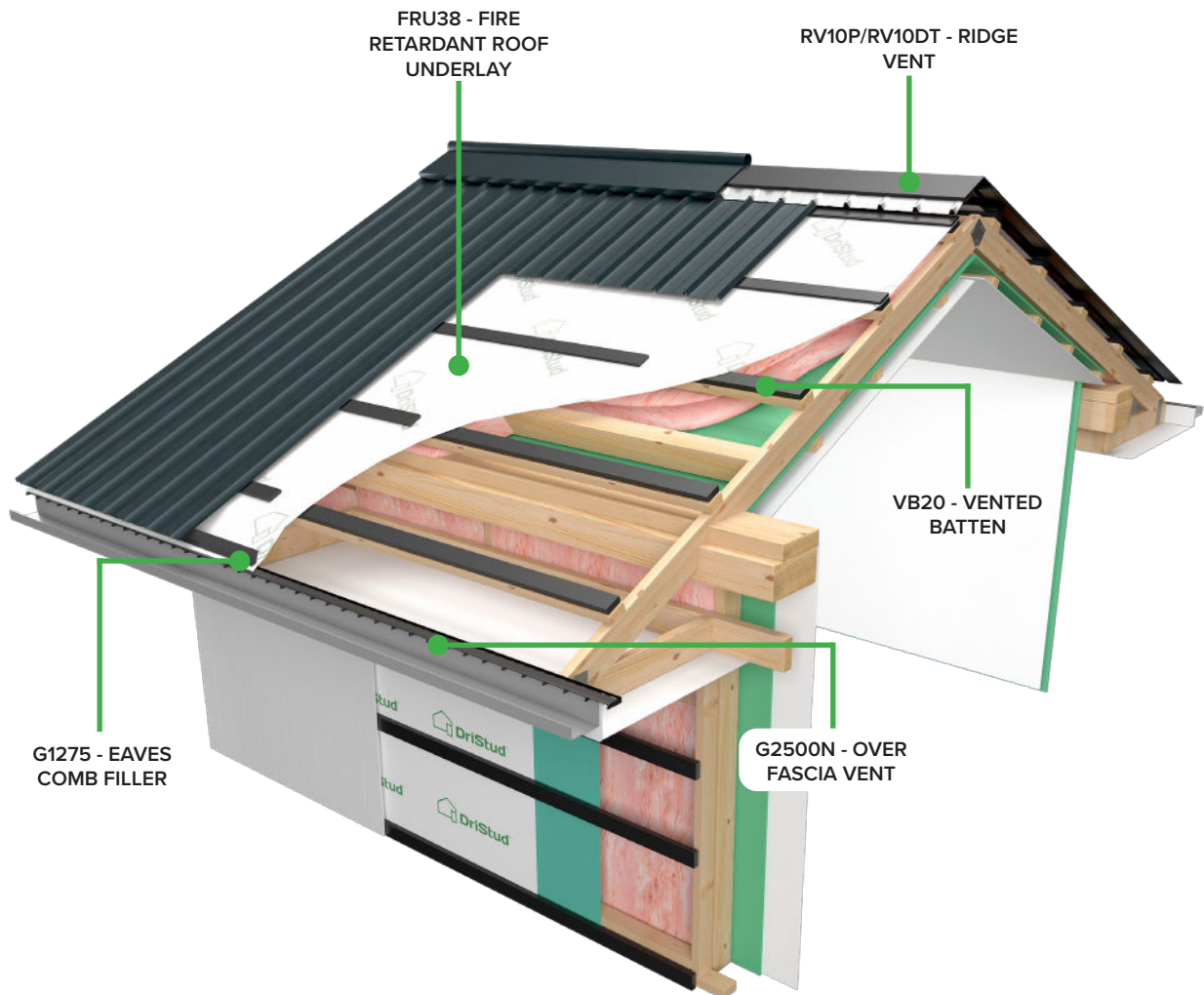


LINING

1. Fix the G2500N Over Fascia Vent using nails or screws to the top of the fascia board through the fixing holes provided along the full length of the eaves.
2. Peel-off adhesive backing of VB20 Vented Batten and attach to purlins for temporary fixing. Secure VB20 with exterior cladding fixings.
3. Apply DriStud FRU38 or RU24 roof underlay from the lowest point to allow laps to shed water. Pull taut to prevent ponding of water. All edge and end laps must be overlapped by a minimum of 150mm.
4. Terminate the underlays at the ridge purlins to create airpath.
5. Install RV10P for trough less than 34mm or RV10DT for trough greater than 34mm on the roof centrally at the apex.
6. Minimum 20mm gap between the bottom purlin and Over Fascia Vent is required for air flow.

FIXINGS / FRAMING

- Framing must be specified and installed in accordance with NZBC 3604.
- For timber structures fixing or fasteners for roof underlays shall be placed no further than 300mm apart.
- Self tapper to fix on metal fascia, nails for timber fascia for G1275, G2500N, and staples for G502.
- Fascia height to drop by 32mm to allow for G2500N Over Fascia Vent.
- Additional fixing screw length is required to accommodate 20mm thickness of RV10P or RV10DT.



Skillion Mono Pitch Roof System

STEEL LONG RUN ROOF 3° OR ABOVE

ROOF PITCH	DRISPACE SPECIFICATIONS	SYSTEM COMPONENTS
3° or above	<ul style="list-style-type: none"> Ventilated cold roof with high vapour permeable synthetic roof underlay Use FRU38 for fire retardant and RU24 for non-fire retardant 	FRU38 or RU24 Roof Underlay G2500N - Over Fascia Vent VB20 - Vented Batten RV10P/RV10DT - Ridge Vent (cut in half to use as Apron Vent)

Optional:

VB10 - 10mm Ventilation & Drainage Batten - For steel longrun with large surface contact areas with roof underlays, it is recommended ventilation and drainage above the underlay is created to defer the dew point condensation from the steel longrun.

G1275 - Eaves Comb Filler - Designed with flexible fingers that adjust to fill the gaps left when using profiled tiles or steel roof cladding, preventing entry of birds and large insects.

USE CASE

- The systems include high vapour permeable synthetic DriStud roof underlays and Vent products.
- A complete ventilated skillion roof system with 25,000mm² per LM airflow in from the eaves and release air using the natural convection of rising warm air of 8,000mm² per LM through the abutment or barge to minimise condensation and mould growth.
- Use FRU38 for intertenancy dwellings or fire retardant performance is required.

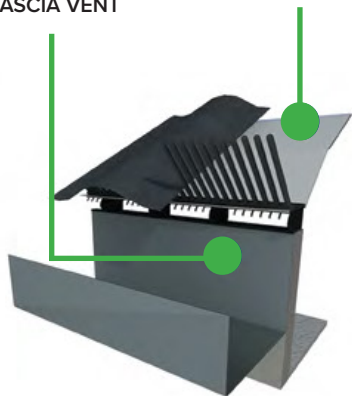
BENEFITS

The systems includes DriStud Roof Underlays with high vapour permeability for direct fixing with metal longrun and Vent components that form part of a passive ventilation system that works year around with no moving parts or energy consumption with 4mm vents preventing ingress of nesting insects.

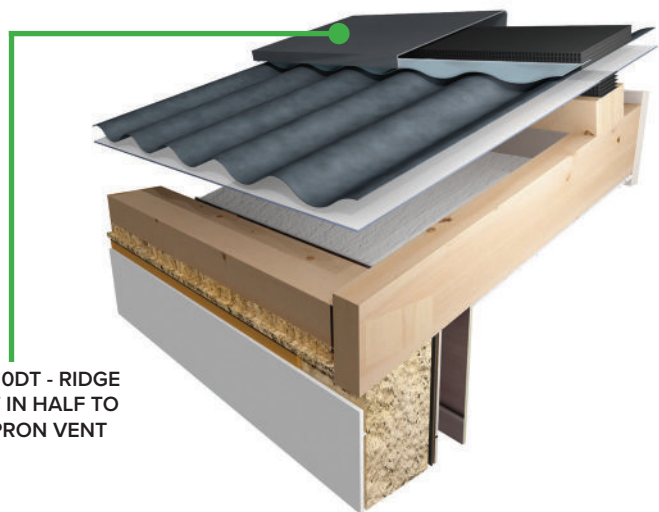
The system is compatible with timber and metal frames and suitable for up to and including 'Extra High' wind zone (NZS 3604).

G2500N - OVER FASCIA VENT

G1275 - EAVES COMB FILLER



RV10P/RV10DT - RIDGE VENT CUT IN HALF TO FORM APRON VENT

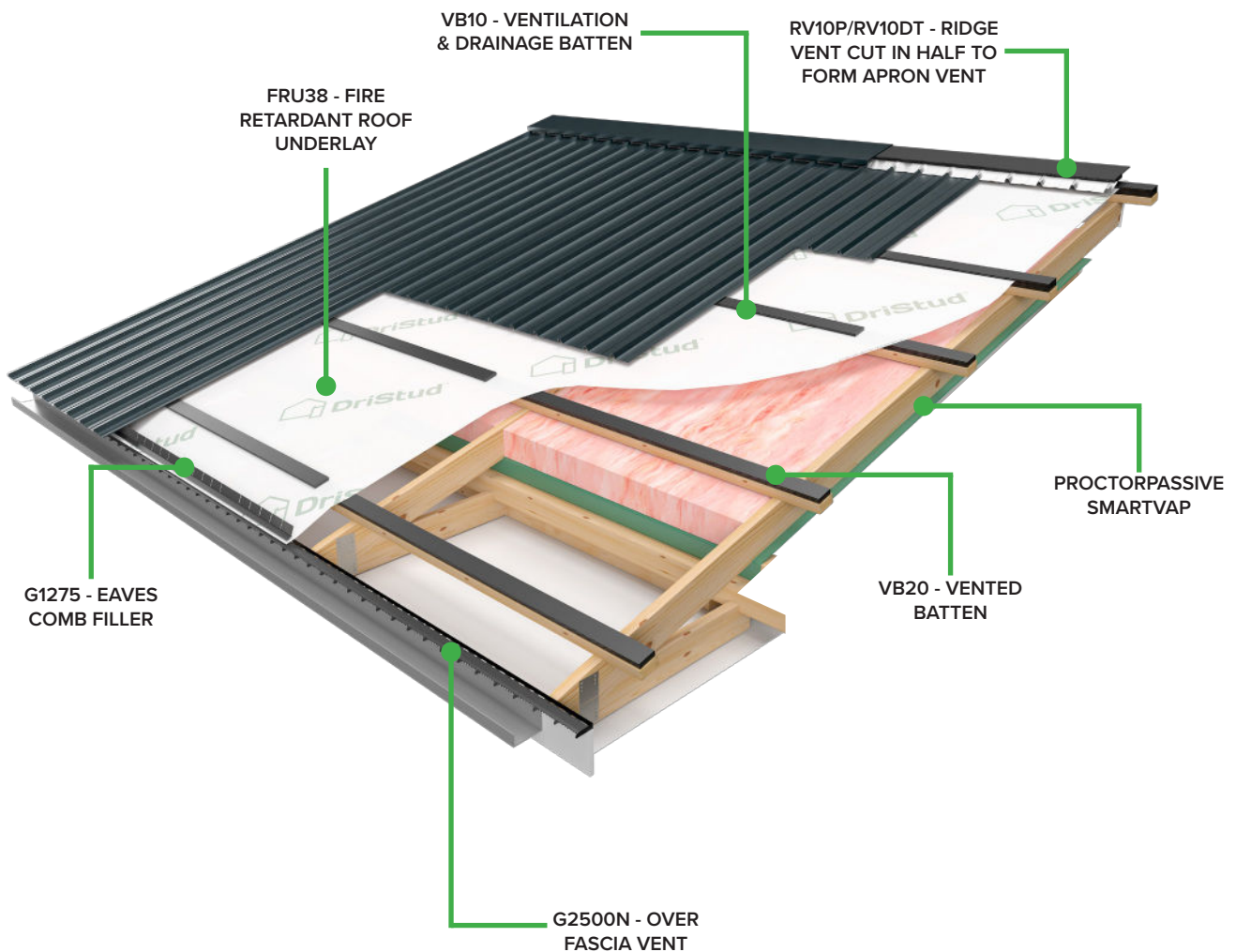


LINING

1. Fix the G2500N Over Fascia Vent using nails or screws to the top of the fascia board through the fixing holes provided along the full length of the eaves.
2. Peel-off adhesive backing of VB20 Vented Batten and attach to purlins for temporary fixing. Secure VB20 with exterior cladding fixings.
3. Apply DriStud FRU38 or RU24 roof underlay from the lowest point to allow laps to shed water. Pull taut to prevent ponding of water. All edge and end laps must be overlapped by a minimum of 150mm.
4. Terminate the underlays at the top purlins to create airpath.
5. Install RV10P for trough less than 34mm or RV10DT for trough greater than 34mm. Cut RV10P or RV10DT in half lengthwise for abutments and barge details.
6. Minimum 20mm gap between the bottom purlin and Over Fascia Vent is required for air flow.

FIXINGS / FRAMING

- Framing must be specified and installed in accordance with NZBC 3604.
- For timber structures fixing or fasteners for roof underlays shall be placed no further than 300mm apart.
- Self tapper to fix on metal fascia, nails for timber fascia for G1275, G2500N, and staples for G502.
- Fascia height to drop by 32mm to allow for G2500N Over Fascia Vent.
- Additional fixing screw length is required to accommodate 20mm thickness of RV10P or RV10DT.



SmartVap with VB10 - Vapour Control Layer VCL

FOR ALL ROOF DESIGN AND PITCHES

ROOF PITCH/ DESIGN	DRISPACE SPECIFICATIONS	SYSTEM COMPONENTS
For Trussed and Skillion Roof 3° pitch and above	<ul style="list-style-type: none"> FRU38 for fire retardant ProctorPassive SmartVap installed at the ceiling and VB10 ventilation and drainage battens installed above roof underlay <i>Optional: To make a continuous airtight envelope, install ProctorPassive SmartVap at the wall</i> 	FRU38 or RU24 Roof Underlay VB10 - Ventilation & Drainage Batten ProctorPassive SmartVap

Optional (refer to DriSpace Vent systems for more detail): Install Vent products in the roof cavity for cross ventilation through the roof space.

- G1200N or G2500N
- VB20
- RV10P/DT
- G1275

USE CASE

- For steel longrun trussed and skillion roof.
- VCL Systems can be used for both pitched and mono pitch roof.
- Install VB10, 10mm vented batten above the underlay to provide ventilation and drainage to defer dew point condensation from the steel longrun.
- Install G1275 Eaves Comb Filler on the over fascia vent to prevent bird ingress and nesting insects where required.
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BENEFITS

ProctorPassive SmartVap is installed to make the ceiling and walls air and vapour tight, limiting the passage of conditioned and moisture laden air entering into the roof space and minimise interstitial condensation caused by high moisture load in homes. When installed as a continuous layer, SmartVap will form an air tight layer, improving the efficacy of ventilation systems and thermal efficiency of the building enclosure. It is compatible with timber and metal frames and suitable for up to and including extra high wind zone (NZS 3604).

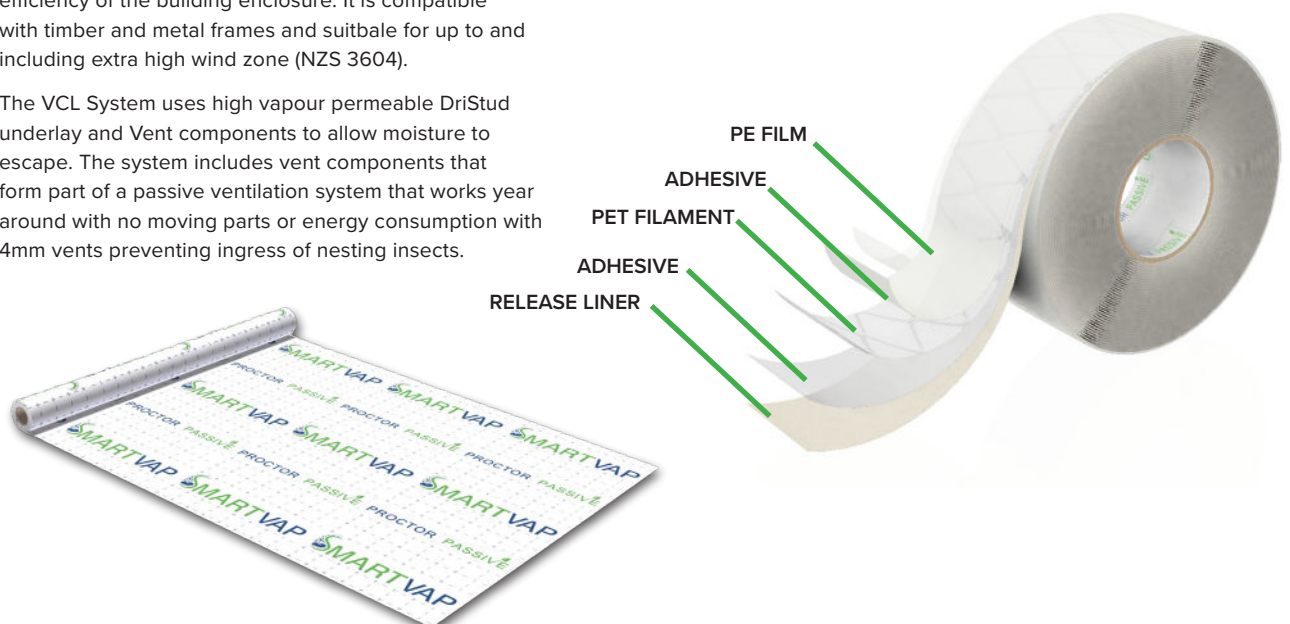
The VCL System uses high vapour permeable DriStud underlay and Vent components to allow moisture to escape. The system includes vent components that form part of a passive ventilation system that works year around with no moving parts or energy consumption with 4mm vents preventing ingress of nesting insects.

FIXINGS / FRAMING

- Framing must be specified and installed in accordance with NZBC 3604.
- For timber structures fixing or fasteners for roof underlays shall be placed no further than 300mm apart.

LINING - VENT AND UNDERLAY

1. Apply DriStud FRU38 roof underlay from the lowest point to allow laps to shed water. All edge and end laps must be overlapped by a minimum of 150mm.
2. Terminate the underlays at the ridge purlins to create airpath.
3. Peel off adhesive backing and place VB10, 10mm vented battens on the purlins above the underlay for temporary fixing. Secure VB10 with exterior cladding fixings.

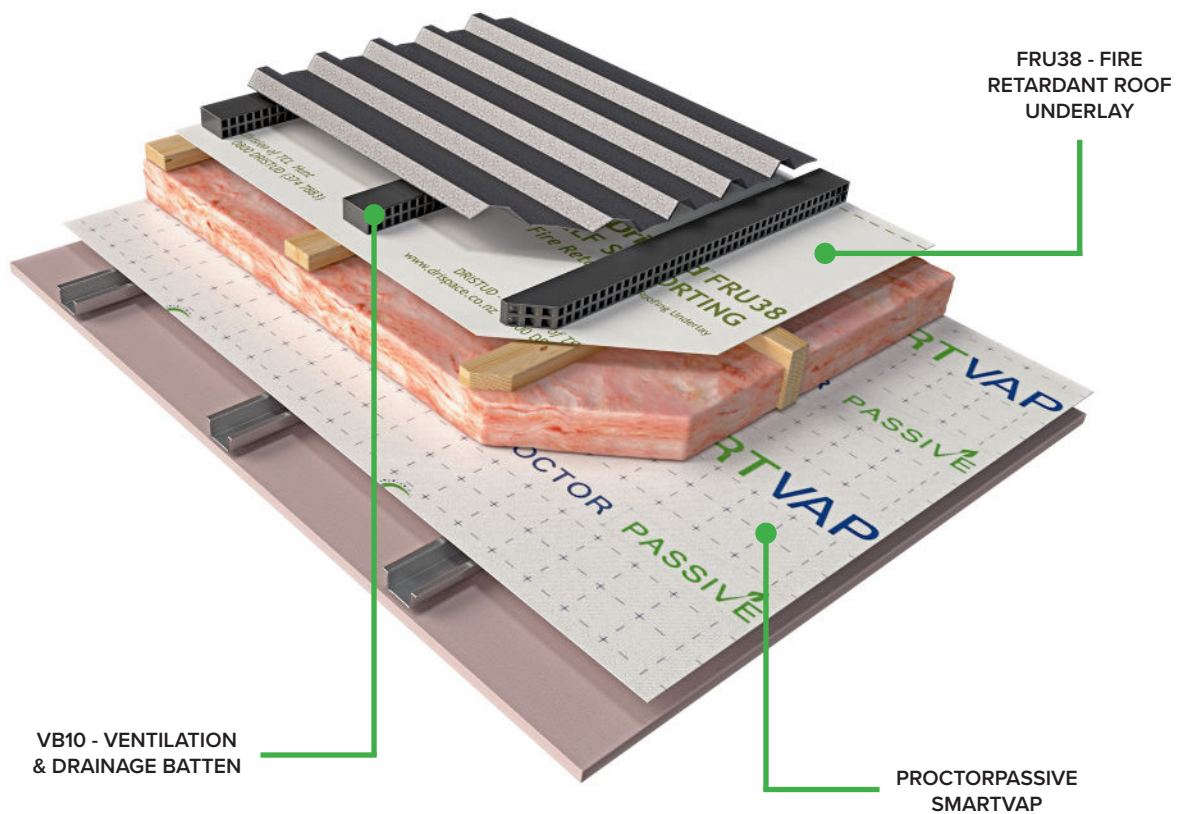


LINING - PROCTORPASSIVE SMARTVAP

1. Preparation: To minimise penetrations of the SmartVap air and vapour control layer, remove any sharp protrusions from the framing. Prior to installing SmartVap, complete as far as possible the installation of services such as wiring, ducting, and plumbing.
2. To ensure continuity of the air and vapour control layer, prior to the full coverage installation of SmartVap at the ceiling, position and fix the 300mm wide SmartVap strip to the inside of the external framing where internal framing will be constructed at a later date.
3. Fixing to timber: Staple fix to timber frames at each joist within 50mm of the top edge of the SmartVap. It should be permanently fixed with a ceiling batten which will also seal the staples penetrations. Any exposed staples or other penetrations should be taped over to ensure continuity of air tightness.
4. Cut to length the SmartVap, starting at one corner of the ceiling and fix with a minimum 50mm folded down the wall where it provides a free overlap for SmartVap to be applied to the wall. Pull the membrane taut to run perpendicular to the joists, fixing along the full length of the ceiling, avoiding creases. At the centre, pull the membrane taut and fix to the joist.
5. Pull the SmartVap taut horizontally avoiding wrinkles. Overlap the next run of SmartVap by 100mm, aligning the printed markings and fix as per stage 3 to 4.

Ensure a minimum 50mm is left loose at the ceiling junction to form an overlap as required to allow for continuity of the airtight layer.

6. Overlaps: Once the entire area is lined with SmartVap, seal all the overlaps with ProctorPassive AB Tape. Press firmly using a roller or squeegee using the 30mm printed lines as a guide for even application. Short end overlaps should be staggered and overlap over a solid element such as stud and taped.
7. When fixing to steel or aluminium the use of staples is not possible. Use double sided tape on the framing to hold the SmartVap in position prior to fixing with the ceiling battens and tek screws with a minimum 20mm diameter washer if required. Stainless steel fixings are recommended in harsh or corrosive environments. This approach using double sided tape can also be used with timber framing.
8. Although SmartVap is usually applied to the ceiling when construction is well advanced, if likely to be exposed to high winds prior to installation of cladding, windows and interior linings, users should determine if fixing details are appropriate. Also use strapping or extra fixings if required to support the weight of insulation.



Multi Unit Dwellings

FOR ALL ROOF DESIGN AND PITCHES

ROOF PITCH/ DESIGN	DRISPACE SPECIFICATIONS	SYSTEM COMPONENTS
For Trussed and Skillion Roof 3° pitch and above	All previous systems can be used for multi-terraced houses, with DriStud fire retardant underlays. For more indepth information, contact <i>technical@drispace.co.nz</i> for specific systems.	<ul style="list-style-type: none"> • DriStud FRU38 Roof Underlay <i>or</i>, • ProctorPassive Wraptite SA for sarked roof

OVERVIEW

Drispace offer a number of vented roof systems for skillion and trussed roofs with different roof pitches. The systems provide solutions to improve new zealand buildings by providing an air barrier envelope but allowing our buildings to breathe again by introducing passive ventilation in the roof space to minimise interstitial condensation.

Roof ventilation products are designed as non-structural roofing components, engineered to prevent the build-up of internal moisture in roof cavities, and mitigating associated risks such as structural decay and harmful moulds. Roof ventilation product combinations are determined based on the design and the pitch of the roof and can be used on both new builds and renovation projects, and on commercial, residential, school and mdh projects.

APPLICATION

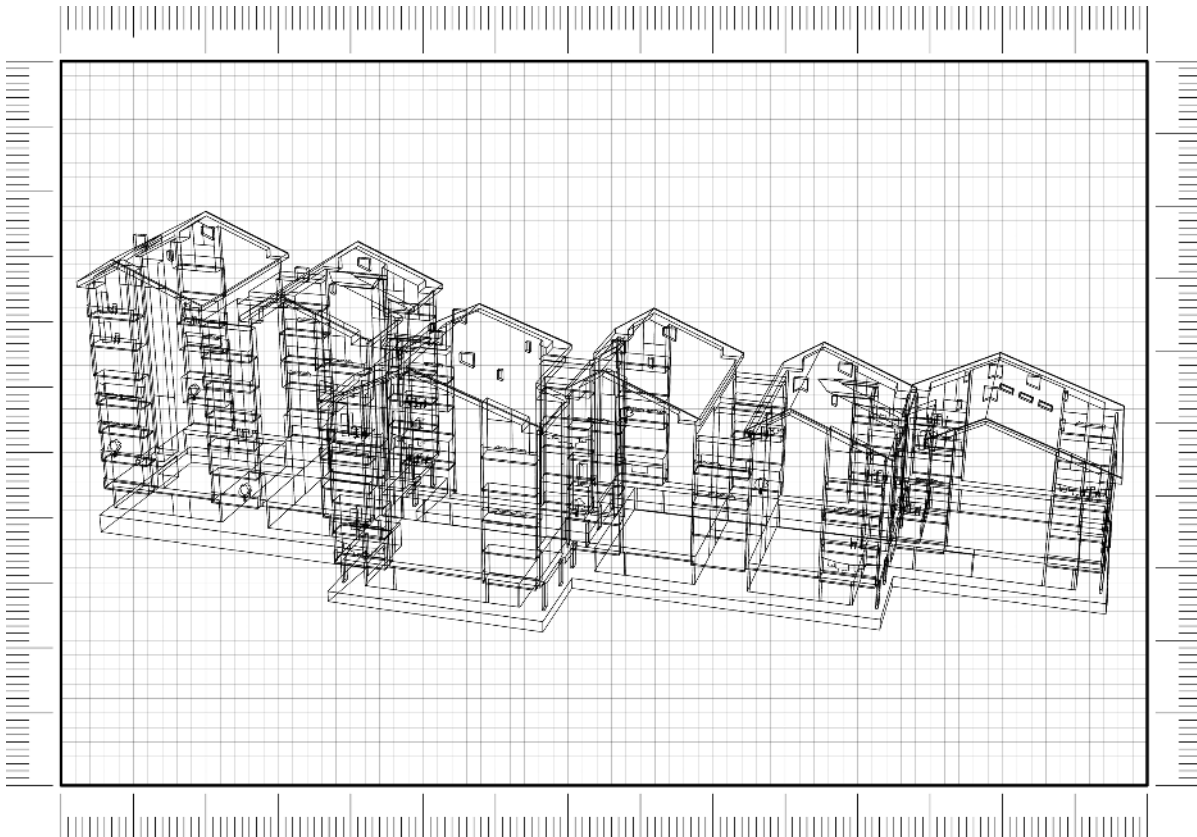
DriSpace systems use three principles:

1. Passive ventilation: VENT
2. High vapour-permeable underlay: DriStud
3. Vapour control layer and airtight membrane: Proctor Passive

Specified vents must be used in the system to ensure sufficient airflow is introduced into the roof, creating a difference in air pressure so that warm moist air is pushed out.

BENEFITS

Incorporating continuous, calculated and unimpeded passive ventilation into the roof cavity adds durability and sustainability to the lifespan of the roof. Passive ventilation systems will manage internal moisture that is created by the means of construction moisture, occupancy behaviour, or variance of temperature (dew points) in roof system and any associated risks such as building product failure or damp and mould.





DRISPACE SYSTEM IN GUY MARRIAGE GUIDE "MEDIUM"

medium.

A Professional Design Guide for creating better
Medium Density Housing in New Zealand

<https://www.mediumdensity.nz/build/roofs/cold-roof-ventilation/>



TCL Warranty for DriSpace Products

COVER

TCL Hunt Ltd (hereinafter **TCL**) warrants to the first owner of the “**DriSpace Building Product**” (hereinafter **Product**) for a period of 15 years, from the date of original purchase, that the **Product** will be free from manufacturing defects when properly installed and maintained according to **Product** published installation instructions. (Refer to the **DriSpace** website for published installation procedures.) Should any such defect appear, **TCL** will provide either a replacement of the defective **Product** or a refund of the original purchase price at **TCL**'s sole and exclusive option in accordance with the prorating schedule set forth herein. Nothing in this warranty shall exclude or modify any legal rights a customer may have under the Consumer Guarantees Act 1993 or otherwise (except where the same may be excluded or modified by law). Under no circumstances and in no event shall **TCL** be liable for any labour charges or other expenses whatsoever in connection with the removal or installation of either the original or replacement **Product**. In the event of replacement under the terms of this warranty, the original warranty shall apply to the replaced **Product** and will extend for the balance of the warranty period in effect at the time the **Product** proved defective.

Number of years of use obtained after the original purchase date TCLs' prorated share of warranty obligation as follows:

Year 1: Original purchase price. Years 2 through 15: Purchaser shall incur a 6.6% reduction per year. If the original purchase price cannot be established by the covered person or entity by producing a copy of the original sales receipt, the cost will be determined by **TCL** in its sole and reasonable discretion. **TCL** replacement of the defective **Product** or granting of a refund pursuant to the terms of Section 1 of this Warranty **SHALL BE THE SOLE EXCLUSIVE REMEDY** available to the covered person or entities with respect to any defect. **TCL** will not refund or pay any costs in connection with labour or supporting materials. Any refund or material replacement by **TCL** shall constitute a full settlement and release of all claims of any covered person or entity hereunder for damages or other relief and shall be a complete bar to any litigation filed subsequently to the covered person or entity's acceptance of such refund or material replacement.

UNDER NO CIRCUMSTANCES SHALL DRISPACE PRODUCTS BE RESPONSIBLE FOR INCIDENTAL OR CONSEQUENTIAL DAMAGES WITH RESPECT TO ECONOMIC LOSS, INJURY, DEATH, OR PROPERTY DAMAGE, WHETHER AS A RESULT OF BREACH OF THIS WARRANTY, NEGLIGENCE OR OTHERWISE.

CONDITIONS OF WARRANTY

- The **Product** must be stored according to the supplier's instructions at all times between purchase and installation.
- The **Product** must be installed according to the **DriSpace** printed installation procedures as set forth on the **DriSpace** website and published literature, and must be designed and constructed in strict compliance with all the relevant provisions of the current New Zealand Building Code, regulations and standards and in accordance with the terms specified in any building consent issued by the local or territorial authority in which the project is undertaken.
- The **Product** must be installed by or under the direct supervision of a registered or licensed building practitioner. The **Product** must be installed in accordance with the New Zealand Metal Roofing and Wall Cladding Code of practice.
- If conflicts exist between applicable codes and **DriSpace** installation instructions, the installer is responsible to contact DriSpace customer service for clarification of installation instructions.
- Failure to install and finish the **Product** per the **Product** published instructions may affect **Product** performance and will void the Warranty.

TCL Warranty for DriSpace Products

WHAT THE CUSTOMER MUST DO

- The claimant must provide proof that he/she is a covered person or entity and notify **TCL** in writing within thirty (30) days after discovery of any claimed defect or failure covered by this Warranty and before beginning any permanent repair.
- The claimant must provide proof of the date of purchase and that the **DriSpace** installation procedures were followed, as well as proof of property ownership.
- Upon discovery of a possible defect or failure, the covered person or entity must immediately, and at the covered person or entity's own expense, provide protection of all property that could be affected until the defect or failure is remedied.
- The property owner will be required to submit a sample and photographs of the defective material to **TCL** for analysis. **TCL** will then investigate the claim and examine the material claimed to be defective.
- If requested, the property owner must provide access for examination by any agent of **TCL**. If a defect covered by this warranty is confirmed, **TCL**, within a reasonable amount of time after the inspection, will replace the **Product**, or refund the original purchase price of the defective **Product**, pursuant to the terms of this warranty.

LIMITATIONS

This warranty does not provide protection against any failure, defect or damage caused by situations and events beyond normal exposure conditions, including but not limited to:

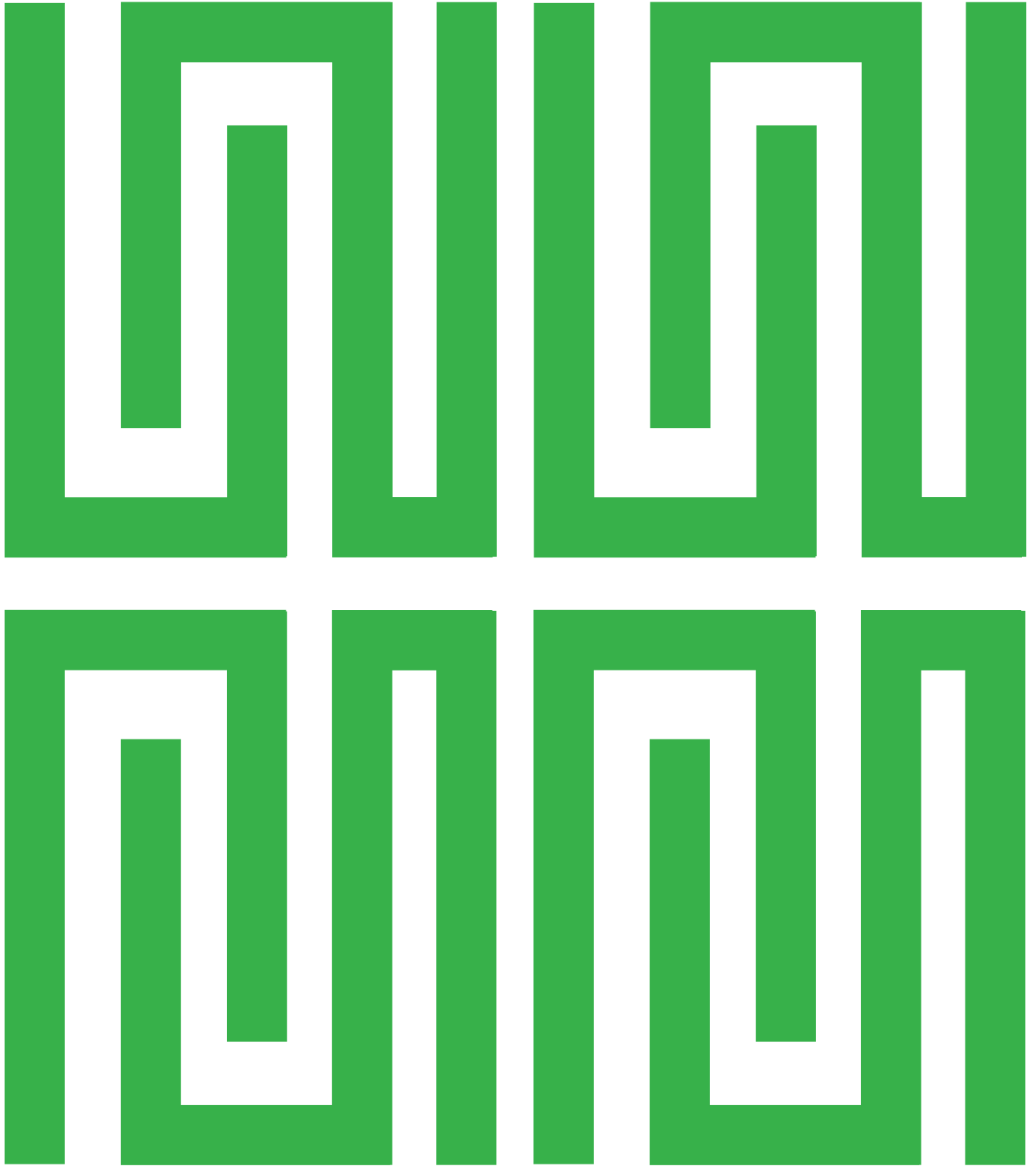
- Misuse, abuse, neglect or improper handling, shipping or storage, or installation of the **Product**.
- Improper application or application not in strict adherence to the **DriSpace** written application instructions.
- Improper installation of framing or other accessories.
- Settlement of structural movement and/or movement of materials to which the **Product** is attached.
- Damage from incorrect design of the structure.
- Use of accessories that do not properly receive and/or secure the **Product**.
- Impact of foreign objects, fire, earthquake, flood, lightning, hurricane, tornado, severe weather (including, but not limited to, unusual climate conditions) or other casualty or act of God.
- **DriSpace Products** are not a food for mould and mildew; however, materials that land on the **Product** may be. Accordingly, growth of mould, mildew, fungi, bacteria, or any organism on any surface of the **Product** (whether on the exposed or unexposed surfaces) and in this respect, any claims of damage caused by mould or mildew are expressly excluded.
- **Lack of proper maintenance or any cause other**

than manufacturing defects attributable to **DriSpace Products**. **TCL will have no responsibility hereunder for defective Product subjected to further processing or alteration after shipment.**

- **TCL** reserves the right to discontinue or modify any of its **Products** without notice to the property owner/ consumer and shall not be liable as a result of such discontinuance or modification. If **TCL** replaces any material under this warranty, it may substitute **Product** designated to be of comparable quality or price range in the event the **Product** initially installed has been discontinued or modified.

DISCLAIMER & OTHER CONDITIONS

- In no event will **TCL** be liable for any incidental, special, indirect, or consequential damages of any kinds, including any damage to the building, its contents, or any persons therein, whether resulting from non-delivery or from the use, misuse, or inability to use the **Product**, or from defects in the **Product**. This warranty replaces all other oral or written warranties, liabilities, or obligations of **TCL**.
- All Warranties, Conditions, Liabilities and Obligations other than those specified in this Warranty are excluded to the fullest extent allowed by law. In particular, where the **Product** is supplied for the purposes of a business, the guarantees contained in the consumer guarantees act 1993 do not apply.
- In no event shall **TCL** be liable for consequential or incidental damages of any kind, including any damage to the building, its contents, or any persons therein, resulting from the breach of the Warranty. No Field Representative or Distributor or Dealer of **TCL** is authorized to make any change or modification to this Warranty.



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