

DriStud Wall Wrap Installation Guide

General

DriStud Wall Wrap is designed to be installed as a secondary protective weather resistant layer over exterior framing in accordance with NZBC, E2/AS1. **When installing DriStud Wall Wrap the framing may either be timber or steel with absorbent and non-absorbent wall claddings direct fixed to framing.**

Wind zones

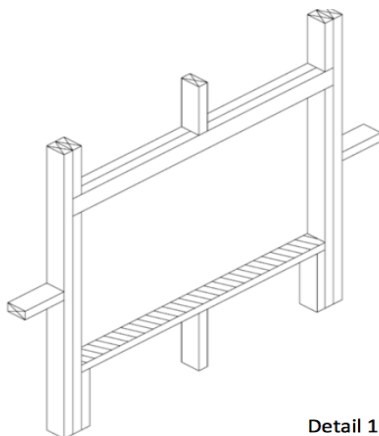
DriStud Wall Wrap has been assessed as suitable for Wind Zones up to and including “**Very High**” when used as a flexible underlay and suitable for “**Extra High**” Wind Zones when used over a rigid wall underlay as defined in Table 5.4, NZS 3604: 2011.

Overlaps / support

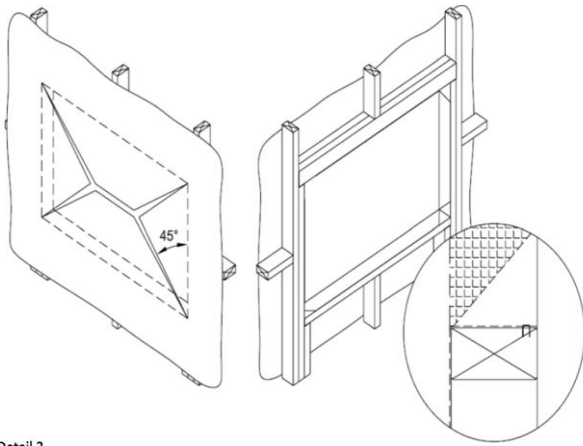
DriStud Wall Wrap is recommended to be installed horizontally with the printed side facing out. Horizontal laps should be overlapped no less than 75mm and vertical laps no less than 150mm. If possible vertical laps should be over framing members or other solid backing. Where horizontal laps are required the upper sheet must overlap the bottom one to allow for moisture run off. Where horizontal installation is not practical, DriStud wall wrap may be installed vertically. Where a drained cavity is to be installed, cavity battens in accordance with E2/AS1 are acceptable to provide adequate support. DriStud Wall Wrap must be installed in accordance with paragraph 9.1.7.1, E2/AS1. It is recommended where DriStud Wall Wrap is to receive a direct fix cladding that vertical reinforced webbing is mechanically fixed over studs at a maximum of 1200mm centers.

Installation

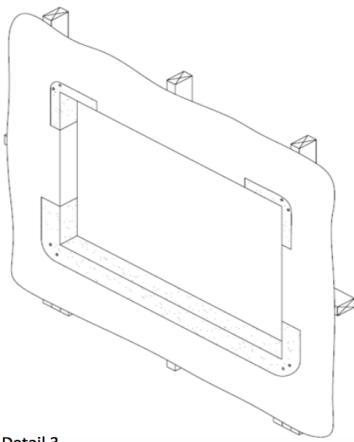
The installer shall treat all wall openings (windows, electrical metre, etc.) by cutting and folding the DriStud Wall Wrap as per the WANZ guide to window installation (E2/AS1 Amendment 6). All other penetrations to be sealed as E2/AS1.



1. The installer shall examine and confirm that the sill trimmer is level.
2. Ensure that the framing is dry and free from debris before applying the DriStud Wall Wrap.



Detail 2



Detail 3

3. Cut the DriStud Wall Wrap and dress into all sides of the openings.
 - Cut DriStud at 45° away from the corner.
 - Fold the flaps tightly into the opening and secure to the framing on all sides.
 - Trim off excess underlay after fixing.

4. A flashing tape that complies with paragraph 9.1.5, E2/AS1 must be installed over the bottom sill trimmer and be at least 200mm wider than the opening.
5. Fit the flexible flashing tape to the inner edge with the outside edge extending a minimum of 100mm up each jamb.
6. Ensure the tape is securely adhered to the underlay on all surfaces and fits tightly into each corner.
7. Cut two more pieces of tape at least 200mm long to fit into each of the upper corners. Ensure the timber framing is covered.

Who can install DriStud Wall Wrap?

The work should be undertaken or supervised by a Licensed Building Practitioner (LBP) or alternatively, the installer shall have the suitable skills when installing DriStud Wall Wrap as a part of an external water management system.

Safety

- The installer shall take all precautions to reduce work hazards.
- The installer of DriStud Wall Wrap is required to comply fully with Health and Safety in Employment Act 2002.
- Appropriate clothing, safety footwear and hand and face protection must be used in all cases.
- Safety scaffold and barriers must comply with the requirements of the Health and Safety in Employment Act 2002 and NZBC, F5 (Construction and demolition hazards)

Warranty

TCL Hunt Ltd warrants that DriStud Wall Wrap will be free from manufacturing defects. Upon receiving of DriStud Wall Wrap, it is recommended that a visual check is made. Where defects are observed, these will be replaced at the discretion of TCL Hunt, provided that they are returned to point of purchase.

If installed in accordance with TCL Hunt installation requirements, TCL Hunt warrants that DriStud Wall Wrap will comply with relevant provisions of the NZ Building Code. TCL Hunt is confident that DriStud Wall Wrap will have a serviceability life of 50 years provided that:

- The balance of the external wall is installed in accordance with the NZ Building Code, and,
- All necessary maintenance is undertaken in respect of the external wall system.