

DriStud Cool Window Flashing Tape Installation Guide

For Rigid Air Barrier Systems

General

DriStud Cool Window Flashing Tape is intended for use in new and existing buildings in conjunction with an underlay or rigid air barrier made from plywood, OSB or fibre cement. It is used around framed joinery openings and penetrations, providing a secondary weather resistant barrier. Where a rigid underlay has been installed, DriStud Cool Window Flashing Tape may be used to seal all junctions and penetrations.

DriStud Cool Window Flashing Tape is made to offer maximum adhesion to irregular surfaces across a wide range of temperatures. It is designed for application in temperatures as low as -6 °C without the need for primers on most substrates.

Key Features

- Adheres to most building elements
- Simple to use and easily applied
- No primer required to achieve maximum adhesion at temperatures as low as -6 °C.
- Suitable for wind zones up to and including **extra high** (NZS3604: 2011) and can be exposed to weather up to 42 days.
- Service temperature is from -25 °C to 80 °C
- Available in various width: 75mm, 150mm and 200mm

Installation

Surface preparation: The substrates must be clean and free from dusts, oil, grease or other contaminants.

Tools: 25mm hard PVC roller and sharp knife or blade. Whenever tape splices occur at a junction, create an overlapping splice of at least 50mm.

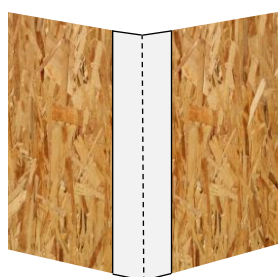
Vertical joints

Place the 75mm DriStud Cool Window Flashing Tape to ensure the joint between the Rigid Air Barrier is centered under the taped joint. Cut tape to desired length with a sharp blade knife. Use the 25 mm 'Hard PVC Roller' to run over the placed tape (especially at the edges) to ensure that you have achieved full adhesion. Cover all vertical joints with the tape.

Horizontal joints

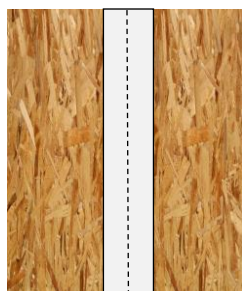
Where a mid-floor joint exists a continuous transition proprietary flashing must be used. Use 150mm or 200mm Cool tape for all horizontal sheet joints.

External Corner



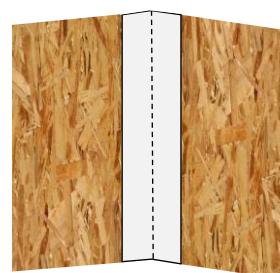
75mm Cool tape

Vertical joints



75mm Cool tape

Internal joints



75mm Cool tape

External Corners

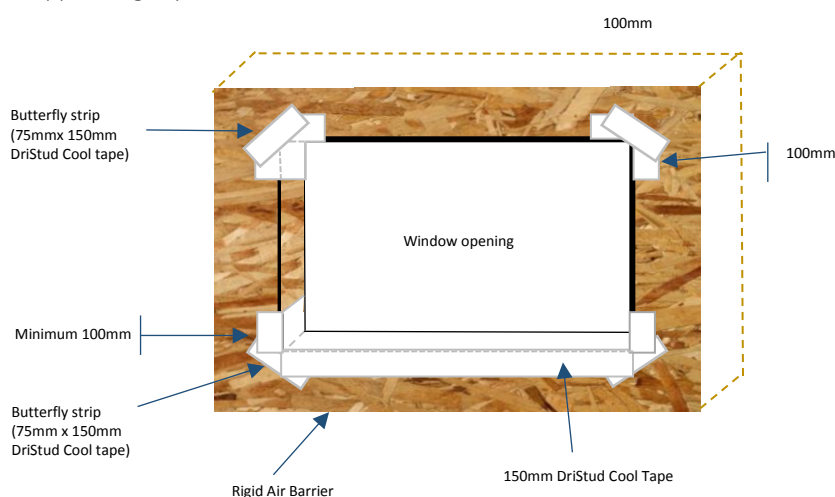
Cut the 75mm DriStud Cool Window Flashing Tape to the required lengths and align the middle of the tape directly over the external joint. Use the “Hard PVC Roller” to run over the tape on one wall and then on the adjacent wall to ensure all the joints are covered and sealed and you have achieved full adhesion.

Internal Corners

Cut the 75mm DriStud Cool Window Flashing Tape to the required lengths. **Fold** it in half and align the crease of the tape directly over the internal joint. Make sure the crease of the tape goes into the corner and peel off the release liner and press the tape starting from **the top corner** and then on one wall. Press the tape on one wall with the “Hard PVC Roller”. Press the tape on the adjacent wall from the corner and finish by using the “Hard PVC Roller” to ensure full adhesion is achieved.

Around windows and doors

1. To ensure maximum adhesion of the tape, substrates must be clean and free from dusts, oil, grease or other contaminants. On the lower two corners of the window/door apply a strip of 150mm by 75mm Cool Tape (known as a butterfly seal) at a 45° angle, sealing the corner junction.
2. Cool Tape is to be cut to length of the sill whilst allowing an additional 100mm for the jamb. Application must be to the interior face of the opening, along the length of the sill and up the jamb. When applying, gradually release the backing film whilst securing and ensuring the tape is correctly aligned to the inside edge and forms a tight and secure seal into the corners (An off-cut of framing timber may assist with this). Cut the overhanging tape at each corner, fold and secure onto the face of the Rigid Air Barrier and over the butterfly seals already applied. Ensure the tape is pressed firmly onto substrate and applied tightly into all corners.



3. On the two upper corners cut the Cool Tape to required length allowing a minimum of 100mm for the jamb. Apply to the interior face of the opening, along the length of the lintel and down the jamb. Cut the overhanging tape at each corner, fold and secure, then apply a 75mm by 150mm butterfly seal over top at a 45° angle. Ensure the tape is pressed firmly onto substrate and applied tightly into all corners.

* DriStud Cool Window Flashing Tape can be exposed to the environment for up to 42 days if installed correctly and sufficient adhesion has been achieved.

Installation (Penetrations)

Where DriStud Cool Window Flashing Tape is used for sealing wall penetrations through the external wall the tape must be installed in accordance with E2/AS1.

Who can install DriStud Cool Tape?

Where DriStud Cool Window Flashing Tape is used for new construction or in conjunction with a building consent the work should be undertaken or supervised by a Licensed Building Practitioner (LBP). Alternatively, the installer shall be suitably skilled when installing the tape as a part of an external water management system.

Further information

For further information please visit www.dristud.co.nz or call 0800 DRISTUD (374 7883).