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Installation Guide

THERMAFLASH®

High adhesion synthetic window flashing tape

Thermaflash is a high performance self-adhering window flashing tape. The advanced adhesive technology provides a high strength bond to most building surfaces and wall underlays. It is suitable for window and door installation as well as other wall penetrations. Thermaflash can be installed in a wide range of temperatures and can withstand UV exposure for up to 180 days.

Product usage

Thermaflash window flashing tape is installed into and around joinery openings over the wall underlay and exposed frame to cover both the face and edge of the opening as a secondary weather resistant barrier. It can also be installed at joinery heads to seal flashing upstands to the wall underlay.

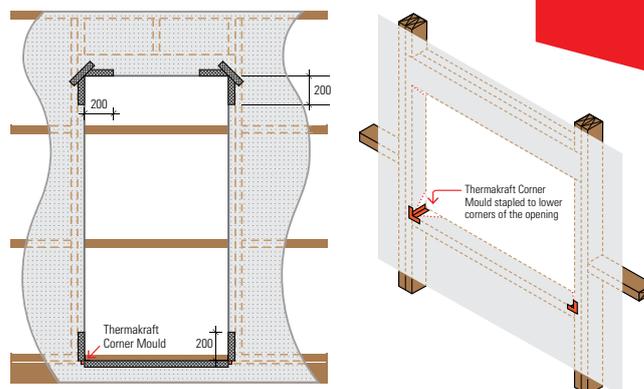
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Installation Guide

Application Method

- Cut the wall underlay/air barrier at a 45° angle away from each corner. Fold flaps tightly into the window or door opening and fix with staples on the back faces of the framing.
- Fix a Thermakraft Corner Mould to the bottom corners by way of staples or clouts to the two jambs. Always ensure that Thermaflash is applied to surfaces that are clean and free of dust, contaminants, solvents, oils or waxes. Note the following: 150mm wide tape is used for 100mm wide window or door framing, and 200mm wide tape is used for 140mm to 150mm wide reveals. (With steel framed houses use double sided tape to attach the Thermakraft Corner Mould).
- Thermakraft Corner Mould is optional. However, lower butterfly strips **MUST** be installed in the absence of the Thermakraft Corner Mould. The lower butterfly strips must be installed first at 45° across the window sill corners before applying the window sill tape piece. The butterfly strip needs to overlap the window sill corners by 3mm to create a seal at the corner junction. The size of the butterfly strip is 75mm wide x 100mm long.
- Add 400mm to the length of the window sill and cut to suit that measurement to allow a 200mm upstand at either side of the window opening.
- First remove the release film from the tape; align the back edge of the tape with the inside edge of the sill.
- Firmly press the tape onto the wall underlay to ensure good adhesion and ensure the tape is fitted tightly into the jamb to window sill corners.
- At the sill/jamb corners cut the tape from the external edge of the frame outwards. Fold flaps back onto the wall underlay/air barrier and press tape firmly for good adhesion.
- A second layer of 75mm wide Thermaflash flashing tape must then be installed along the entire length of the windowsill. The tape is installed flush with the exterior face of the opening. This is a mandatory requirement for horizontal surfaces to ensure nail penetrations self-seal.
- Proceed to fit the window flashing tape to the top corners of the frame (200mm across lintel x 200mm down jamb).
- For window or door lintel to jamb junction, apply a butterfly using the 75mm wide x 100mm long Thermaflash. Fix at a 45° angle to the jamb with an overlap at the corner of 3mm.
- Door frames are to be treated similarly to window openings. The sill may be either a timber or a concrete floor.
- Thermaflash is used to seal the upstand of the window head flashing to the building underlay. (Refer to the cladding/window manufacturer's details).
- Thermaflash must **NOT** be left exposed to the weather/UV for more than 180 days.



Application Tips

- Apply firm pressure onto the tape during installation. This will ensure proper adhesion of the tape to the building underlay or other substrates.
- Install Thermaflash above -10°C.
- Unaffected by LOSP or other solvent based treated timber. However, LOSP or other solvent based treated timber must have sufficient time for the solvent chemical to flash off in a well ventilated area. Recommended minimum 7 days.

Important Information

To assist the adhesion of Thermaflash flashing tape on difficult to bond surfaces, Thermakraft suggests the following:

Difficult to Bond Substrates Surface Preparation:

- Always ensure that Thermaflash is applied to surfaces that are clean and free of dust, contaminants, solvents, oils or waxes.
- Application of Scotch® Super 77™ Spray Adhesive: When installing Thermaflash Flashing Tapes on difficult to bond substrates, Scotch® Super 77™ Spray Adhesive may be used. Ensure that the substrate is dry and free of dirt before applying the spray adhesive. Apply a light spray/ coating of the spray adhesive onto the substrate. Wait for a minute to allow the spray adhesive to become tacky. When tacky to the touch apply the flashing tape in the normal manner.

Adhesives and Sealants:

- Most window sealants will bond directly to Thermaflash. However, Installer must check the bonding strength of the sealant before installation.
- The installer must check the compatibility of the Thermaflash flashing tape with the sealant or adhesive product to ensure the components are fully compatible.

Handling and Storage

Thermaflash flashing tape must be handled with care to prevent damage such as tearing, excessive puncture and roll deformation.

The product must be stored under cover well away from direct moisture, rainfall contact and sunlight (UV). Care should be taken not stack other materials on top of the product.

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