

PRODUCT DATA SHEET

Thermakraft™ THERMAFLASH Window Flashing Tape



Thermakraft ONE WRAP SYSTEM

10 Products - One system
One warranty

Thermakraft™

THERMAFLASH®

High adhesion synthetic window flashing tape

Thermaflash is a high performance self-adhering window and door flashing tape that also 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. As a translucent window flashing tape, Thermaflash allows installers to see the substrate behind the tape when installing. Thermaflash can be installed in a wide range of temperatures and can withstand UV exposure for up to 180 days.



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Thermaflash comes in three roll sizes:

Product Code	Roll Size	Rolls Per Carton
THFLASH075023	75mm x 23m	8
THFLASH150023	150mm x 23m	4
THFLASH200023	200mm x 23m	2

Scope of Use

Thermaflash window flashing tape can be used as a flexible flashing system around window and door joinery openings on timber and steel framed buildings within the following scope:

- 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.
- Installed at joinery heads to seal flashing upstands to the wall underlay.
- To assist the overall weather-tightness performance of window and door joinery installations.
- To be used in conjunction with air seals and joinery flashing systems. Installer must check for air seal product compatibility with Thermaflash.
- Situated in NZS 3604:2011 Wind Zones up to, and including, 'Extra High'.
- Suitable for residential builds (E2/AS1 timber framed and E2/AS4 steel framed) and medium rise buildings (E2/VM2)

General

- Synthetic backing and acrylic adhesive.
- Paper release liner.
- Thermaflash can be used with either a taped corner or Corner Moulded Pieces (optional).
- Thermaflash is compatible with Thermakraft building underlays.
- Thermaflash has been tested and it is compatible with James Hardies RAB, Ecoply EcoBarrier and GIB Weatherline rigid air barrier products
- 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.
- Thermaflash is not subject to a warning or ban under section 26 of the Building Act 2004 when used as per the product scope.

Limitations

- Must NOT be exposed to the weather/UV for more than 180 days.
- Thermaflash should be installed when temperatures are above -10°C.
- Thermaflash is NOT designed to overcome poor detailing and workmanship of the window or door joinery installation.
- Most window sealants will bond directly to Thermaflash. However, Installer must check the bonding strength and chemical compatibility of the sealant and tape before installation.
- When Thermaflash is used with rigid air barrier or rigid wall underlay products, follow the flashing tape installation instructions set out by the rigid air barrier or rigid wall underlay product supplier. Building designer/specifier/installer must check with the rigid air barrier or rigid wall underlay product supplier to ensure that Thermaflash window flashing tape is fully compatible and is warranted with their product system.
- When using Thermaflash on medium rise buildings, building designer/specifier needs to incorporate Thermaflash window flashing tape as part of the external wall cladding system design along with the rigid air barrier or rigid wall underlay product specified.

Compliance:

Thermaflash window flashing tape has been appraised by BRANZ as a flexible system for use around window and door joinery for buildings with the following scope:

- Constructed with timber and steel framing in accordance with scope limitations of NZBC Acceptable Solution E2/ AS1 and NASH Building Envelope Solutions, Paragraph 1.1.
- With a risk score of 0-20, calculated in accordance with NZBC Acceptable Solution E2/AS1 or NASH Building Envelope Solutions, Table 2.
- With wall cladding systems complying with NZBC Acceptable Solution E2/AS1 or NASH Building Envelope Solutions, or a valid BRANZ Appraisal that specifies a flexible flashing system.
- With flexible wall underlays compatible with the flashing tape and complying with the NZBC.

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Durability:

When Thermaflash is used and installed in accordance with Kingspan Insulation literature and BRANZ Appraisal:

- Thermaflash window flashing tape will meet or contribute to meeting the performance requirements of NZBC Clauses B2 Durability, performance B2.3.1 [b], 15 years* and B2.3.2*, E2 External Moisture, and F2 Hazardous Building Materials. Further details can be found in the BRANZ Appraisal.

* **Note:** When the external cladding is maintained according with the cladding manufacturer's instructions and the cladding remains weather resistant, Thermaflash window flashing tape is expected to have a serviceable life equal to that of the cladding.

- Thermaflash window flashing tape is expected to have a serviceable life equal to that of the cladding, provided Thermaflash is not exposed to the weather or ultra-violet (UV) light for more than 180 days, or damaged upon installation.
- Thermaflash window flashing tape is designed to work on building underlays that meet the requirements of NZBC E2/AS1 Table C.2.1.1, and on all Thermakraft BRANZ Appraised wall underlays.

Product Warranty

Standard Kingspan Insulation Warranty applies. Refer to Kingspan Insulation Warranty statement for further details. This is available online at **thermakraft.co.nz** or call **0800 806 595**.



0800 806 595
www.thermakraft.co.nz

Thermakraft and Ausmesh products are brought to you by Kingspan Insulation NZ Limited.



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The recommendations contained in Kingspan's literature are based on good building practice, but are not an exhaustive statement of all relevant information and are subject to any conditions contained in the Warranty. All product dimensions and performance claims are subject to any variation caused by normal manufacturing process and tolerances. Furthermore, as the successful performance of the relevant system depends on numerous factors outside the control of Kingspan (for example quality of workmanship and design), Kingspan shall not be liable for the recommendations in that literature and the performance of the Product, including its suitability for any purpose or ability to satisfy the relevant provisions of the Building Code, regulations and standards. Literature subject to change without notification. Latest documentation can be found online. E&OE.