



## Installation Guide

# WATERGATE PLUS

### Premium synthetic wall wrap

Watergate Plus is specifically designed as a wall wrap behind exterior wall cladding.

Made from synthetic materials Watergate Plus is fire retardant, water resistant and vapour permeable. The water vapour transfer rate of the product has been optimised to minimise condensation risk in homes without compromising its primary water barrier properties. Its unique construction allows for easier installation while maintaining best in class performance qualities.

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## Application Method

- Watergate Plus must be fixed with printed side facing the exterior.
- Watergate Plus is applied to all exterior walls from below bearers to the top plate. Extend 35mm below bottom wall plate or bearer. Always run the Watergate Plus product horizontally.

**Note:** Strictly follow standard AS 4200.2:2017 (Pliable building membranes and underlays – part 2: installation).

- **Timber Framing:** Fix securely to the frame with fasteners such as galvanised 6-8mm staples or 20mm large head galvanised clouts at 300mm centres horizontally and vertically. Ensure Watergate Plus is pulled taut before fastening.
- **Steel Framing:** Ensure frame is free from oil, dust and dirt. Fix securely using a construction grade double-sided tape or adhesive.

**Note:** Check adhesive compatibility with Watergate Plus and the steel framing materials before use.

- **If using a tape:** Apply double-sided tape onto steel frame studs and only peel off the forward-facing liner once Watergate Plus is ready to be installed. When ready, peel off approximately 2m of tape liner at a time and press Watergate Plus firmly onto tape. Ensure the wrap is taut.

**Note:** The double-sided tape is to temporarily hold the Watergate Plus in place until the batten and/or cladding is installed. The screws used to fix the batten or cladding are the permanent fixings for Watergate Plus.

- A minimum of 150mm lap is required at joins and all vertical laps must be made over studs. Have the upper sheets lapped over the lower sheets to ensure that direction of laps will allow water to be shed to outside of the Watergate Plus product.
- Only when windows, doors or other penetrations are ready for installation, do you slit the Watergate Plus. Slit the Watergate Plus covering the openings at 45° then fold and fasten securely with the fastenings listed above. Thermakraft window flashing tapes are recommended as the window flashing system as it provides a secondary weather resistant barrier.



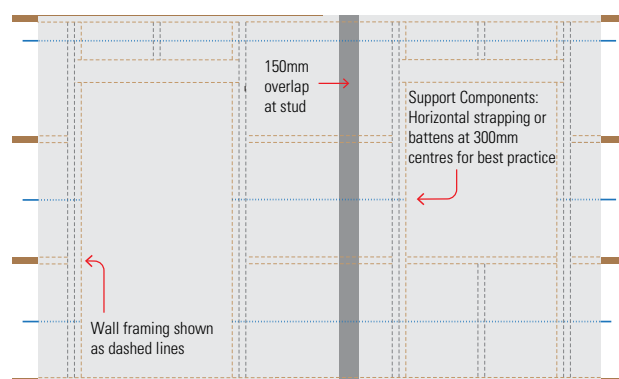
Fix securely to the frame with fasteners or tape.



On arrival of doors and windows, cut Watergate at each opening on a 45° angle away from each corner. Pull the Watergate flaps inside and fasten to the inside of frame.



- Repair small tears with any Thermakraft Window Flashing Tape or Thermakraft White General Purpose joining tape. Larger damaged areas can be repaired by covering with new material with minimum 150mm lapping and then taping. For best practice, these tapes can also be used for taping joins and for taping around other penetrations.
- For masonry veneer and cladding over cavity: When used in conjunction with bulk insulation installed in the framed wall cavity and a wall cladding installed over a cavity, the designer and installer must allow for adequate restraint to prevent the insulation/membrane from bulging into the drainage cavity. Reference should be made to AS 3999:2015 (Bulk Thermal Insulation – Installation) and the relevant cladding supplier's requirements.
- When used behind masonry veneer cladding, the brick ties must be fixed to the face of the stud only.
- During Windy Conditions strapping can be used to ensure Watergate Plus does not blow off.



## Application Tips

- Watergate Plus is 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.
- Watergate Plus must NOT be left exposed to the weather or UV for more than 60 days.

## Handling and Storage

Watergate Plus underlay must be handled with care to prevent damage such as tearing and roll deformation. Due to the width of the product, care should be taken when installing in windy conditions.

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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The recommendations contained in Thermakraft'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 Thermakraft (for example quality of workmanship and design), Thermakraft 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 on the website. E&OE.