



## Installation Guide

# THERMATHENE ORANGE

## Damp Proof Membrane (DPM)

Thermathene Orange is a high strength concrete underlay that is made from a puncture and tear resistant polyethylene film. Thicker and stronger than conventional polythene, it is also commonly known as a Damp-Proof Membrane (DPM).

### Product usage

Thermathene Orange is used as a concrete underlay and a moisture vapour barrier in areas where protection is required. The product is 300 microns in thickness and is coloured orange. Thermathene Orange may also be used under suspended subfloors as ground protection from rising damp.

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## Application Method

- Thermathene Orange should be installed in accordance with the requirements of NZS3604:2011 and must be laid on a properly prepared base as required by NZS3604:2011 Section 7.5.3 to 7.5.62.
- Thermathene Orange must be laid in a continuous manner with all laps minimum 150mm, and penetrations to be taped with Thermakraft White General Purpose Tape, Thermakraft Premium Joining Tape or Aluband Window Flashing Tape.
- Thermathene Orange should be laid in a neat fashion with a smooth surface, with as many of the ripples as possible eliminated.
- Thermathene Orange must be inspected for any damage (tears or penetrations) prior to concrete placement. Any damage must be repaired with Thermakraft White General Purpose Tape, Thermakraft Premium Joining Tape or Aluband Window Flashing Tape. For any larger damage a patch of Thermathene Orange maintaining a 150mm lap and must be taped over the damaged area.
- Thermathene Orange must not be left exposed for more than 30 days.
- Thermathene must be installed by a licensed building practitioner.
- Thermathene Orange may also be used to cover ground areas under suspended timber floors to prevent the rise of dampness. Ensure that the site is clear of rubbish, sharp edges such as rocks or bricks. Slit and patch around jack studs or pipe work. All penetrations and joints must be taped with Thermakraft White General Purpose Tape, Thermakraft Premium Joining Tape or Aluband Window Flashing Tape.

## Handling and Storage

Thermathene Orange must be handled with care to prevent damage, 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.