

THERMATHENE BLACK

250 MICRON
CONCRETE UNDERLAY

APPLICATION AND INSTALLATION

Product Description THERMATHENE BLACK 250 Micron Concrete Underlay is a tear resistant Polyethylene film.

Product Advantage THERMATHENE BLACK is used as a concrete underlay and a moisture vapour barrier in areas where protection is required. Thermathene Black is 250 micron, and coloured black for ultra violet resistance.

Installation

THERMATHENE BLACK must be installed to E2/AS1 10.3.3. Damp Proof Membranes, and must be laid on a properly prepared base as required by NZS3604: 2011.7.5.4.

THERMATHENE BLACK may 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 joints must be taped with Thermakraft 66mm White General Purpose Acrylic tape.

THERMATHENE BLACK must be inspected for tears and penetrations. Repair with Thermakraft 66mm White General Purpose Acrylic tape to ensure integrity of THERMATHENE BLACK as a moisture barrier.

Thermakraft recommends a lap of 150mm at all joints

Roll Dimensions 250micron x 4000mm x 25m = 100m² (gusseted rolls)
Other sizes and thickness available (check for availability)

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TECHNICAL SPECIFICATIONS

Durability

THERMATHENE BLACK 250 Micron Concrete Underlay to meet the performance requirements of NZBC Clauses B2, Durability B2.3.1[a] 50 years and B2.3.1(b) 15 years, E2 External Moisture,

THERMATHENE BLACK:

- Must be installed in accordance to the "APPLICATION and INSTALLATION GUIDELINES as outlined in E2/AS1 10.3.3. Damp Proof Membranes, and must be laid on a properly prepared base as required by NZS3604:2011.7.5.4
- is not left exposed for more than 28 days,
- installed by a licensed building practitioner,
- Free of tears and penetrations.

Physical Properties

THERMATHENE BLACK

- Exceeds the minimum impact resistant film test AS1326:1972(IR3)
- Complies with (A) AS2870:1995, 5.3.3 vapour barrier for concrete underlays
- Resistance to Water Vapour Transmission Not less than 90MN.s/g



i. THERMATHENE BLACK is used as a concrete underlay and a moisture vapour barrier.

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.



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