

THERMATHENE ORANGE

SUPER HI-STRENGTH
CONCRETE UNDERLAY

APPLICATION AND INSTALLATION

Product Description	THERMATHENE ORANGE Super Hi-Strength Concrete Underlay is a tear resistant Polyethylene film that has been extruded using special resins to promote tough properties within the membrane.
Product Advantage	THERMATHENE ORANGE is used as a concrete underlay and a moisture vapour barrier in areas of extreme conditions where protection and strength are required. THERMATHENE ORANGE is coloured orange.
Installation	<p>THERMATHENE ORANGE must be installed to E2/AS1 10.3.3. Damp Proof Membranes, and must be laid on a properly prepared base as required by NZS3604:1990.E8.2.</p> <p>THERMATHENE ORANGE 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 tape.</p> <p>THERMATHENE ORANGE must be inspected for tears and penetrations. Repair with Thermakraft Black 66mm white general purpose tape to ensure integrity of THERMATHENE ORANGE as a moisture barrier.</p>
Roll Dimensions	THERMATHENE ORANGE Super Heavy Hi-Impact 300micron x 4000mm x 25m = 100m ²

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TECHNICAL SPECIFICATIONS

Durability

THERMATHENE ORANGE Super Hi-Strength 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 ORANGE:

- 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 NZS3604:1990.E8.2,
- is not left exposed for more than 28 days,
- installed by a licensed building practitioner,
- free of tears and penetrations.

Physical Properties

THERMATHENE ORANGE 300 Super Heavy Hi-Impact

- Exceeds the Hi-Impact resistant film test AS1326:1972(IR3), and is manufactured with premium resins to achieve higher strength
- Is branded and complies with (A) AS2870:1995, 5.3.3 vapour barrier for concrete underlays
- Has been tested and is used as a Dam Liner



All joints must be taped with **Thermakraft** 66mm white General Purpose tape.

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.