

SUPERCOURSE 500 HI-IMPACT EMBOSSED POLYETHYLENE DPC

APPLICATION AND INSTALLATION

Product Description **Thermakraft Supercourse 500 DPC** and **CONCEALED FLASHING** is a hi-impact polyethylene film, embossed on both sides.

Product Advantage



BRANZ Appraised DPC
Appraisal No. 329 [2005]

Thermakraft Supercourse 500 DPC is used as a general damp-proof course (DPC), and also as a concealed flashing for brick veneer cladding.

Thermakraft Supercourse 500 DPC will provide the ideal protection and prevent walls, floors and structural elements in contact with the ground absorbing or transmitting moisture.

Thermakraft Supercourse 500 DPC is a suitable moisture impregnable alternative to bituminous DPCs. It is intended for use as a DPC separating timber and wood-base products from concrete or masonry elements, or where required, timber jack studs or bearers from timber piles.

FLASHING

Thermakraft Supercourse 500 DPC is also suitable for use as a flashing material for weather sealing window and door joinery installations in masonry veneer wall claddings.

Application DPC

Strips of **Thermakraft Supercourse 500 DPC** may be cut to length with a sharp knife. Surface must be smooth and flat, free from sharp ridges that may puncture membrane. The strip of **Thermakraft Supercourse 500 DPC** must be wide enough to fully protect the width of material in contact with concrete or masonry.

A small slit should be made in the material to accommodate the bolts or fixings when used under timber plates or concrete floors or foundation walls.

FLASHING

Thermakraft Supercourse 500 DPC must be fixed in place to framing members at 300mm centres with small hot-dip galvanised clouts.

Horizontal and vertical joints must be no less than 75mm wide, with the direction of the lap ensuring that water is shed to the outer face of the flashing.

At the sill/jamb junction, the jamb flashing must overlap the sill flashing.

Thermakraft Supercourse 500 DPC when installed as a flashing as part of a brick veneer cladding system, will assist in the brick veneer cladding systems code compliance with NZBC Clause E2.3.2.

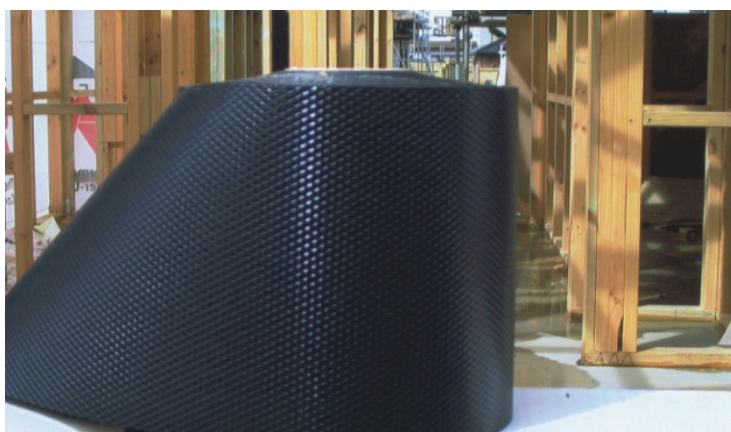
Storage

Thermakraft Supercourse 500 DPC should be stored one end in dry conditions, protect from weather and direct sunlight

Roll Dimensions

50mm x 30m	100mm x 30m	250mm x 30m
75mm x 30m	150mm x 30m	300mm x 30m
90mm x 30m	200mm x 30m	1000mm x 30m

Note: special widths available on request (conditions apply)



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TECHNICAL SPECIFICATIONS

Durability



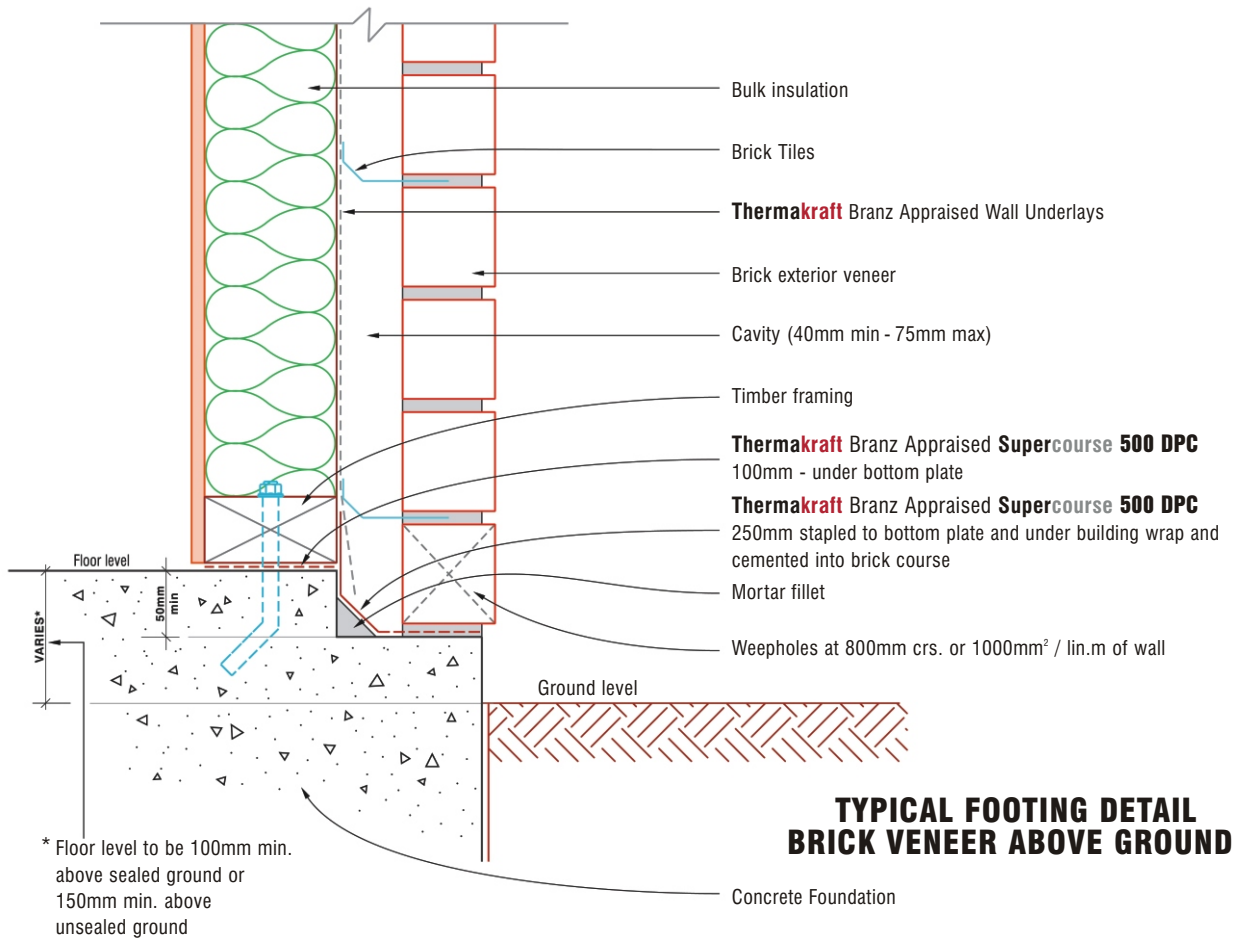
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Thermakraft Supercourse 500 DPC and **CONCEALED FLASHING** will meet the performance requirements of NZBC Clauses B2 Durability B2.3.1(a) 50 years, B2.3.1(b) 15 years and E2 External Moisture providing;

- must be installed in accordance to the "APPLICATION and INSTALLATION GUIDELINES"
- is not left exposed for more than 30 days
- when used on LOSP treated timber, the timber must be free of solvent
- installed in accordance with the NZBC and NZS 3604:1999
- installed by or under guidance of Licensed Building Practitioners

Technical Data

Thermakraft Supercourse 500 DPC has a minimum thickness of 0.5mm. The total thickness of the product after embossing is 0.75mm, and meets the water permeability test requirements of AS/NZS 4347.1-1995.



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.