

Synthetic damp proof course used to prevent moisture transfer between building materials

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## Level of assurance needed to demonstrate NZ Building Code Compliance

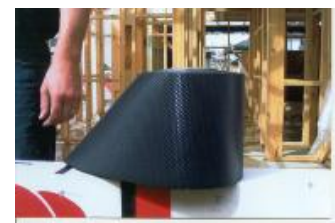
Supporting documentation should include self-assessment and technical information by manufacturer



Kingspan Thermakraft confirms that this minimum level of assurance has been met or exceeded by the following:

BRANZ Appraisal

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## Technical Statement

### Product Description

Supercourse 500 DPC is a general damp-proof course (DPC) used to prevent moisture transfer between building materials. It is also used as a concealed flashing for masonry veneer cladding.

Manufactured using a single layer of black polyethylene, Supercourse 500 DPC is tough, high-impact and tear resistant. It is a suitable moisture impermeable alternative to bituminous DPC.

### Scope of use

Intended for use as a damp-proof course separating timber and wood-based products and metal from concrete, masonry elements or clay bricks.

Can also be used to separate timber jack studs or bearers from concrete or timber piles.

Can be used as a concealed flashing in masonry veneer walls.

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 well ventilated area. Recommended minimum 7 days.

Available in 9 product width sizes. Made from 100% recycled materials.

### New Zealand Building Code (NZBC)

The product will, if employed in accordance with the supplier's installation and maintenance requirements, assist with meeting the following provisions of the building code:

- **Clause B2 Durability:** Performance B2.3.1(a), B2.3.1(b)  
Clause B2 DURABILITY: Performance B2.3.1 (a) not less than 50 years and B2.3.2. Kingspan Thermakraft Supercourse 500 meets these requirements.
- **Clause E2 External moisture:** Performance E2.3.2, E2.3.3  
Clause E2 EXTERNAL MOISTURE: Performance E2.3.2 and E2.3.3. When used as a flashing as part of a masonry veneer cladding system, Kingspan Thermakraft Supercourse 500 contributes to meeting the requirements of E2.3.2. When used as a DPC, Kingspan Thermakraft Supercourse 500 meets the requirements of E2.3.3.
- **Clause F2 Hazardous building materials:** Performance F2.3.1  
Clause F2 HAZARDOUS BUILDING MATERIALS: Performance F2.3.1. Kingspan Thermakraft Supercourse 500 meets this requirement.

### Evidence

The product meets the requirements set out in the following documents, or relevant parts of cited standards within the documents:

When Supercourse 500 is used and installed as a damp-proof course and/or concealed flashing behind masonry veneer walls, the product will meet or contribute to meeting the following provisions of the NZBC:

- Clause B2 Durability: Performance B2.3.1 (a), 50 years and B.2.3.2.
- Clause E2 External Moisture: Performance E2.3.2 and E2.3.3. When used as flashing as part of a masonry veneer cladding system, Supercourse 500 will contribute to meeting the requirement of E2.3.2. When used as a damp-proof course, Supercourse 500 will meet the requirements of E2.3.3.
- Clause F2 Hazardous Building Materials: Performance F2.3.1. Supercourse 500 meets this requirement and will not present a health hazard to people.

More details can be found in Supercourse 500 BRANZ Appraisal 329 (2022).

masterspec partner

### Company Contact Details



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## Supporting Evidence

The product has and can make available the following additional evidence to support the above statements:



BRANZ Appraisal  
[329](#)

## Product Criteria

### Design requirements

[Supercourse 500 DPC Data Sheet](#)

### Installation requirements

[Supercourse 500 DPC Install Guide](#)

### Maintenance requirements

No regular maintenance required.

### Warrantees

[Kingspan Thermakraft Warranty Statement](#)

## Company Product Information

### Quality Assurance



ISO 9001 (Quality Management)

### Relationships



Member of New Zealand Green Building Council



New Zealand Made



Date last validated: **09 October 2023**



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