

Malthoid® Damp Proof Course

Application

Malthoid® Damp Proof Course (DPC) is a 2 ply felt material impregnated with bitumen and coated with fine sand. It is recommended for use as a moisture barrier between building elements. It can be used as a vapour barrier for structural elements in contact or close proximity with the ground when installed as per the instructions below.

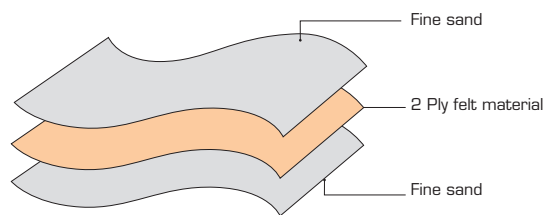
Suitable for use as a;

- Moisture barrier under bottom plates
- Moisture barrier between timber jack studs and timber piles
- Moisture barrier between any wooden surface and concrete, masonry or aluminium

Features and Benefits

- Flexible for quick and easy installation
- Fine sand applied to both surfaces to reduce sticking

Technical Data



NZBC E2/AS1 Table 23 Classification	Requirement	Performance
Water Vapour Resistance (ASTM E96)	≥ 90 MN s/g	Pass

New Zealand Building Code (NZBC) and Limitations

When used, installed and maintained in accordance with the requirements outlined in this datasheet, will meet or contribute to meeting the following provisions of the NZBC:

NZBC Clause E2: *External Moisture*

Malthoid® Damp Proof-Course satisfies the requirements of NZBC E2/AS1 Table 23, NZS 3604 2.3.3[b].

NZBC Clause B2: *Durability*

Malthoid® will meet the durability requirements of NZBC B2/AS1 Table 1- Damp Proof Course, provided the product is used and installed correctly. Malthoid® must not be used in situations where it will be exposed long-term to sunlight, or prolonged contact with chemicals and solvents.

Limitations

To meet the above Malthoid® must be:

- Installed as specified in this data sheet
- Kept dry at all times and not allowed to remain wet during construction or in service
- Must not be used for head flashings as the bottom edge is normally exposed
- Must not be used around flues and chimneys as a flashing or a damp proof course

Installation

General

- Ensure all surfaces are flat and smooth. Remove all loose debris, such as stones, that could puncture the membrane.
- Roll out and cut Malthoid® along the face of the timber using a sharp knife.
- Malthoid® can be temporarily held in place on timber framing using hot dip galvanised clouts or staples before framing is stood up. Ensure Malthoid® extends at least 6mm beyond each face of the timber.
- When used under timber plates fixed over concrete floor slabs and foundation walls small slits should be made before Malthoid® is pushed over the bolts or fixings.

Prenailed Frames

- When intended for use beneath bottom plates of prenailed wall frames erected on concrete floor slabs, it is recommended that the pre-nailer be encouraged to fix it in place to the underside of the bottom plate before the frames leave the factory.

Specification Notes

Product required: Sisalation® Malthoid® Damp Proof Course

Product Specification

Description	Product Code	Roll Length (Nominal ±5mm)	Area	GSM
Malthoid®	788750	50mm x 20m	9 Rolls/pack	1750
Malthoid®	788775	75mm x 20m	6 Rolls/pack	1750
Malthoid®	788790	90mm x 20m	5 Rolls/pack	1750
Malthoid®	788700	100mm x 20m	4 Rolls/pack	1750
Malthoid®	788715	150mm x 20m	3 Rolls/pack	1750
Malthoid®	788720	200mm x 20m	2 Rolls/pack	1750
Malthoid®	788730	300mm x 20m	2 Rolls/pack	1750

Storage

Sisalation® Malthoid® DPC must be protected against damage and weather. Rolls must be stored on end, under cover in a clean, dry environment. Product must be protected from sharp objects.



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WALL

PRODUCT DATA SHEET