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a.b.e.® Construction Chemicals

malthoid 5 ply

WATERPROOFING MEMBRANE

DESCRIPTION

malthoid 5 ply is an asphaltic waterproofing membrane with a fibre felt carrier.

USES

Brickwork damp-proof course (DPC):

- Flat roof waterproofing where an asphaltic membrane may be used.
- In accordance with SABS Code of Practice 021/1973 – using either hot or cold bonding methods.
- As an underlay on timber decks.
- As a protection layer over **abe® index torch-on** waterproofing membranes prior to the application of screeds and tiles.

ADVANTAGES

- High resistance to puncture.
- Easy to apply.
- Protection of torch on membranes.
- Rot proof.
- Economical

SURFACE PREPARATION

All surfaces to be clean, dry, sound and free from sharp protrusions.

BONDING/PRIMING

- Prime concrete surfaces with **abe® bitu.®prime** and allow to dry.
- Use **abe® bitu.®grip** as an adhesive to bond **malthoid 5 ply** to primed concrete.

COVERAGE

Fully dependent on the type of application.

APPLICATION

Tear off paper wrapper and merely roll out product on surface. Use sharp knife to cut to required length.

Overlaps: 75 mm side laps and 100 mm end laps.

TYPICAL PHYSICAL PROPERTIES

Length of roll	20 m
Mass of roll (900 mm wide)	55 kg
Mass of 20 m roll	55 kg
Mass/m ²	3,05 kg/m ²
Thickness (nominal)	2,8 mm
Pliability @ 25°C	No crack on 25 mm mandrel
Pliability @ 10°C	No crack on 75 mm mandrel
Surface finish	Fine washed sand
Heat test @ 80°C	No slump

CLEANING

Tools, brushes and mixing equipment should be cleaned immediately after use and before material has set with **abe® super brush cleaner** followed by washing with soap and water.

PROTECTION ON COMPLETION

Allow **malthoid 5 ply** to weather for six weeks before overcoating with **abe® silvakote** for protection against UV rays.

TEMPERATURE AND RELATIVE HUMIDITY

Care must be taken when unrolling **malthoid** if the temperature is below 5°C.

MODEL SPECIFICATION

Two or three layer waterproof system. DPC in brickwork or under floor screeds.

Primer: **abe® bitu.®prime**.

Adhesive: **abe® bitu.®grip**.

Coating: **abe® silvakote**.

The waterproofing system/DPC shall be **malthoid 5 ply**, an asphaltic waterproofing membrane with a fibre felt carrier applied in accordance with the recommendations of **a.b.e.® Construction Chemicals**, including **abe® bitu.®prime** and **abe® bitu.®grip** where necessary.

PACKAGING

malthoid 5 ply is supplied in 20 m x 900 mm rolls.

HANDLING & STORAGE

This product has a shelf life of 24 months if kept in a dry cool place in the original packaging. In more extreme conditions this period might be shortened.

CAUTION

Do not use on completely flat roofs.

Minimum falls 2% or 1:50.

Stack full rolls on end not more than 1,8m high.

HEALTH & SAFETY

Refer to material safety data sheet for further information.

IMPORTANT NOTE

This data sheet is issued as a guide to the use of the product(s) concerned. Whilst **a.b.e.® Construction Chemicals** endeavors to ensure that any advice, recommendation, specification or information is accurate and correct, the company cannot - because **a.b.e.®** has no direct or continuous control over where and how **a.b.e.®** products are applied - accept any liability either directly or indirectly arising from the use of **a.b.e.®** products, whether or not in accordance with any advice, specification, recommendation, or information given by the company.

FURTHER INFORMATION

Where other products are to be used in conjunction with this material, the relevant technical data sheets should be consulted to determine total requirements. **a.b.e.® Construction Chemicals** has a wealth of technical and practical experience built up over years in the company's pursuit of excellence in building and construction technology.

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a.b.e.® is an ISO 9001:2015 registered company
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