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## 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 <sup>2</sup>	3,05 kg/m <sup>2</sup>
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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