

## PRODUCT DATA SHEET

# Ormonoid Bitkote No.3

Flexible water-based bitumen waterproofing membrane

## DESCRIPTION

Ormonoid Bitkote No.3 is a flexible water-based bitumen waterproofing membrane. Ormonoid Bitkote No.3 is a versatile multi-use product that is fast drying and can be applied by brush, roller, trowel or airless spray equipment on horizontal and vertical surfaces.

## USES

- Retaining walls
- Planter boxes
- Garden pots
- Gutter repairs
- Underside of vehicles
- Sealing of tree wounds

## CHARACTERISTICS / ADVANTAGES

- Fast drying
- Flexible
- One part- no mixing
- Non flammable, Non hazardous
- Water based
- Suitable for UV exposure
- Excellent adhesion to most substrates

## PRODUCT INFORMATION

<b>Composition</b>	Water based bitumen
<b>Packaging</b>	1 Litre, 4 Litre and 15 Litre pails
<b>Shelf life</b>	12 months from date of manufacture in original, sealed containers, if the storage conditions are met.
<b>Storage conditions</b>	Store in dry, weatherproof environment, protected from direct sunlight at temperatures between +5°C and +25°C.
<b>Colour</b>	Black
<b>Density</b>	1.2kg/L
<b>Dry film thickness</b>	Minimum 1mm DFT (Dry film thickness) required 3x coats of 0.65 Litre per m2 are required to achieve a 1mm DFT

## APPLICATION INFORMATION

<b>Consumption</b>	1.0mm DFT- (Dry Film thickness): 7.5m2 per 15L pail 2m2 per 4L pail
<b>Substrate temperature</b>	+10 to +35 C

<b>Substrate moisture content</b>	Up to 5%
<b>Substrates</b>	Ormonoid Bitkote No.3 can be applied to the following substrates: <ul style="list-style-type: none"> <li>▪ Concrete</li> <li>▪ Masonry</li> <li>▪ Sand/cement screeds</li> <li>▪ Fibrous cement sheeting</li> <li>▪ Compressed fibrous cement sheeting</li> <li>▪ Steel/Aluminium</li> <li>▪ Timber posts</li> </ul>
<b>Drying time</b>	Allow minimum 2 - 4 hours between coats at 23°C. Allow longer in adverse weather conditions. Drying time is dependent on ambient temperature and relative humidity.

## BASIS OF PRODUCT DATA

All technical data stated in this Product Data Sheet are based on laboratory tests. Actual measured data may vary due to circumstances beyond our control.

## FURTHER INFORMATION

- Safety Data Sheet (SDS)

## IMPORTANT CONSIDERATIONS

### LIMITATIONS

- Ormonoid Bitkote No.3 is not designed to stop a hydrostatic head of water pressure.
- Ormonoid Bitkote No.3 is not suitable for use in immersed or tanking applications.
- Ormonoid Bitkote No.3 must not be used over damp, wet or contaminated substrates.
- Ormonoid Bitkote No.3 must not be applied if it is raining or if rain is imminent.
- Ormonoid Bitkote No.3 must not be applied directly over protective coatings.
- Ormonoid Bitkote No.3 must not be used as a trafficable coating.
- Ormonoid Bitkote No.3 is not compatible with polyurethane or silicone sealants.
- For retaining walls allow a minimum of 3 days cure and suitable protection layer prior to backfilling.
- Do not apply where the substrate temperature is below 10°C or greater than 35°C.
- Contact Sika Technical Service for advice if further information is required.

## ECOLOGY, HEALTH AND SAFETY

For information and advice on the safe handling, storage and disposal of chemical products, users shall refer to the most recent Safety Data Sheet (SDS) containing physical, ecological, toxicological and other safety-related data.

## APPLICATION INSTRUCTIONS

### SUBSTRATE PREPARATION

All surfaces to be waterproofed must be firm, clean, dry, structurally sound and smooth. All grease, oil, wax, curing compounds, dust, loose material, laitance and other contaminants must be removed. The substrate surface must be continuous, all projections and rough spots should be dressed off to achieve a level surface. Ormonoid Bitkote No.3 can be mixed with sand and cement or pre-bagged mortar mix to form a screed to falls or patching render with improved adhesion and tensile properties.

#### Sheeting

Fibrous cement sheeting must be fixed in accordance with the manufacturer's installation directions.

#### Concrete

Concrete must be allowed to cure for 28 days and cement render and sand and cement screeds must be allowed to cure for 7 days prior to the application. Surfaces must be even and smooth, imperfections repaired with a suitable Sika® MonoTop repair mortar.

#### Metals

Metal surfaces shall be thoroughly cleaned and free of dust, existing coatings, contaminants and any signs of oxidation or rust must be removed before application of Ormonoid Bitkote No.3.

#### Priming

Dry porous substrates must be primed using a dilute 1 part Ormonoid Bitkote No.3 to 1 part water, work well into the substrate to ensure adequate penetration, avoid ponding. Allow to dry prior to general application. If moisture is present, allow for application of Sikalastic Moisture Seal, refer to PDS for application rates.

### MIXING

Single component, ready to use undiluted, prior to application thoroughly mix using a mechanical mixer to produce a homogenous liquid.

### CLEANING OF EQUIPMENT

Remove liquid coating immediately with a dry cloth, clean tools and equipment with water while the material is still wet. Cured coating can only be removed mechanically.

## LOCAL RESTRICTIONS

Please note that as a result of specific local regulations the declared data for this product may vary from country to country. Please consult the local Product Data Sheet for the exact product data.

## LEGAL NOTES

The information, and, in particular, the recommendations relating to the application and end-use of Sika products, are given in good faith based on Sika's current knowledge and experience of the products when properly stored, handled and applied under normal conditions in accordance with Sika's recommendations. In practice, the differences in materials, substrates and actual site conditions are such that no warranty in respect of merchantability or of fitness for a particular purpose, nor any liability arising out of any legal relationship whatsoever, can be inferred either from this information, or from any written recommendations, or from any other advice offered. The user of the product must test the product's suitability for the intended application and purpose. Sika reserves the right to change the properties of its products. The proprietary rights of third parties must be observed. All orders are accepted subject to our current terms of sale and delivery. Users must always refer to the most recent issue of the local Product Data Sheet for the product concerned, copies of which will be supplied on request.

### **Sika Australia Pty Limited**

ABN 12 001 342 329

aus.sika.com

Tel: 1300 22 33 48

### **Product Data Sheet**

Ormonoid Bitkote No.3

April 2023, Version 01.02

020915792000000021

