



**BITUMAT**  
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NRCA MEMBER



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## AQUASHIELD

RV Grade

### DESCRIPTION

BITUMAT AQUASHIELD RV Grade is a brush applied, jointless bitumen coating, clay stabilized and non-asbestos fibre, reinforced for extra flexibility and stability. This waterproof coating is designed and manufactured specially for use as a Reservoir Lining.

### USES

BITUMAT AQUASHIELD RV Grade heavy duty coating is manufactured without biocides to provide a tough, non toxic film, ideally suited for waterproofing reservoirs and cold tanks. This non toxic, odour and taint free coating provides a rugged waterproof film. It's high water vapour permeability greatly reduces any risk of blistering.

### OUTSTANDING FEATURES

- Non toxic, odour and taint free
- Jointless finish
- Solvent free, environment friendly
- Excellent high temperature flexibility
- Ease of application
- Micro porous-breathes to help prevent blistering
- Non flammable, wet

### INSTALLATION

#### PREPARATION

1. Thoroughly clean all surfaces to be coated with Bitumat Aquashield Emulsion.
2. Repair damaged or cracked substrates.
3. Prepare friable or porous surfaces by priming with Bituprime. Allow this to dry before application of waterproof coating.
4. Stir well before use.

### APPLICATION

1. Apply at the rate of 1.33 litre/m<sup>2</sup> by soft brush or broom to damp (not wet) or dry surfaces.
2. Application is eased by dampening the application tool before and during use.

3. Allow first coat to dry. Then apply the second coat at the same rate of 1.33 litre/m<sup>2</sup>. This coat is applied at right angles to the first.
4. For water storage, allow to dry, then thoroughly wash surfaces with fresh potable water before putting into service.
5. Keep tools in water during use. Clean with water when wet, with white spirit when dry.
6. Protect from frost and rain until fully cured.

### STORAGE

Store BITUMAT AQUASHIELD RV Grade under cover, at temperatures between 5°C and 40°C. Stored correctly, a shelf life of 12 months can be expected for unopened containers. Storage must be frost free.

### STANDARDS

Complies with ASTM D 1227 Type IV

### PACKING

20 litre and 200 litre containers.

### HEALTH & SAFETY

1. **Fire** - Non-flammable when wet.
2. **Skin** - Avoid repeated or prolonged skin contamination. Remove with water when wet or with a hand cleaner when dry.
3. **Eyes** - No special precautions required. But if eyes become contaminated, irrigate them with copious amounts of clean water.

For further information, refer to relevant Material Safety Data Sheet.

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## TECHNICAL DATA

EMN04 30-G R-00 00

	Typical Properties	Typical Result	Test Method
1.	Solid contents, %	55-60 approx.	ASTM D 2939
2.	Specific gravity	1.05	ASTM D 70
3.	Flash point	Non-flammable	ASTM D 93
4.	Appearance	Thick cream	-
5.	Application temperature °C	Above 5	-
6.	Heat flow resistance, 100°C	No flow, sag or blistering	ASTM D 2939
7.	Direct flame test	Coating chars in place	ASTM D 2939
8.	Flexibility at 0°C	No cracking or flaking	ASTM D 2939
9.	Water resistance	No blistering or re-emulsification	ASTM D 2939

The information given in this Technical Data Sheet is given to the best of our knowledge based on laboratory test and practical experience. However, as the product is often used under conditions beyond our control, we cannot guarantee anything but the product itself.

THIS PUBLICATION AUTOMATICALLY SUPERSEDES ALL PREVIOUS PUBLICATIONS RELATING TO THIS PRODUCT.



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