



## BITUMUL

### PRODUCT DESCRIPTION

Bitumul is a rubberised bitumen emulsion, which is used together with membrane to provide a liquid waterproofing system. Bitumul is pond friendly.

### PRODUCT FEATURES

Bitumul is recommended in various areas:

- Flashings
  - Parapet walls
  - Flat roof waterproofing areas
  - Sealing joints, laps and roofing screws on corrugated roofs
  - May be used in areas of total water immersion.
- Bitumul is an all-in-one system. There is no need for separate primers (apart from metal surfaces).

It has excellent adhesion and is tough, flexible and non-toxic. Suitable for use in potable water conditions. Ideal for use in ponds.

### TECHNICAL INFORMATION

Colour:	Black
Appearance:	Smooth semi-sheen elastic finish when dry
Generic type:	Modified bitumen emulsion
Pigment type:	Special fillers
S.G.:	±1.05
Viscosity:	±125ku
Spreading rate:	±0.5m <sup>2</sup> /litre
Solvent:	Water (Liquid form)
Volume solids:	48 %
Mix ratio:	Single pack ready for use
Packaging:	1 litre, 5 litre, 20 litre plastic containers

### SURFACE PREPARATION

Always ensure the substrate is clean, dry and free of contaminants e.g. oil, grease, wax, dirt, etc. prior to application of Bitumul.

All surfaces (except metal):

Mix one part super laykold with one part clean water and prime the total area to be covered. As a guide 0,25 l of the diluted primer will cover 1 m<sup>2</sup> or 4m<sup>2</sup>/l. Allow to dry.

Metal surfaces only:

New galvanised iron – Degrease using Superclean and a scouring pad.

Ensure water break-free surface. Prime with Primer 2000 waterbased primer and allow to dry. Mild steel to be primed with Primer 2000.

Abide by recommended over coating times.

### APPLICATION

First coat (all surfaces after priming):

Brush or roll on a thick coat of Bitumul (1m<sup>2</sup>/l) and embed membrane well into the wet coating. On flat surfaces, it is recommended to use a fluted aluminum roller for this purpose. Membrane overlaps should be a minimum of 100 mm on end laps and 75 mm on side laps.

Second coat:

When the first coat has dried sufficiently to take working traffic (2-3 hours), apply a second coat of Bitumul (1m<sup>2</sup>/l) to ensure the membrane is completely saturated, and allow to dry.

Third coat:

Apply a final coat of Bitumul (1.3 m<sup>2</sup>/l) to give a smooth finish.

Allow to cure for 7 days @ 25°C. Exposed areas should be overcoated with Bitumen Aluminium. A maintenance coat is recommended every 3 years for best protection.

*Note: If Bitumul is used in a pond or dam, allow to dry for 14 days. Flush with clean water before filling and ensure that water quality is suitable for fish.*

Airless spray :	Not recommended
Conventional spray:	Not recommended
Brush & roller:	Suitable as supplied
Clean up:	Do not allow to dry on equipment. Wash immediately with water. Once dried, use Supersolve and rinse with water.

### ENVIRONMENT

At no time should paint be applied outdoors in inclement weather or before 9 am and after 2 pm in winter. Do not leave container open as a skin forms on the surface of the paint. Bitumul will be damaged if subjected to rain prior to curing. It is recommended that application be confined to the following:

Surface temperature:	Min. 10°C	Max. 40°C
Ambient temperature:	Min. 10°C	Max. 40°C
Relative humidity:	Min.0%	Max.85%

Or at least 3°C above Dew point

### DRYING TIME

Substrate Temp	Touch Dry	Hard Dry
15°C	4 hours	72 hours
20°C	2 hours	48 hours
25°C	1 hour	24 hours
30°C	30 minutes	12 hours

### OVERCOATING TIMES

15°C:	12 hours
20°C:	8 hours
25°C:	4 hours
30°C:	2 hours

### STORAGE AND HANDLING

Store in a cool dry area, away from heat, direct sunlight and severe cold. Shelf life : 12 months in original sealed containers.

### LIMITATIONS

Sustained cold conditions can result in paint failure. Avoid painting on wet substrates and in wet conditions

### SAFETY PRECAUTIONS

No known problems resulting from contact with skin, however remove as soon as possible with soap and water. Avoid ingestion and contact with eyes. If ingested, seek medical attention. Do not induce vomiting. If paint contact is made with eyes, rinse eyes well with water & seek medical attention. Do not smoke when painting. Ensure good ventilation during painting and drying.  
KEEP OUT OF REACH OF CHILDREN

Information Provided is based on Laboratory evaluations and data believed to be reliable.  
Recommendations are given in good faith but without warranty. It is the user's responsibility to determine the suitability for their own use.  
It is not to be considered a guarantee of the products properties.

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