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RUBBERISED BITUMEN WATERPROOFING EMULSION

DESCRIPTION

super laykold is a rubberised bitumen emulsion, which is used together with **abe® membrane** to provide a liquid waterproofing system. **super laykold** is koi fish friendly.

USES

super laykold 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

ADVANTAGES

- **super laykold** 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 koi ponds

SURFACE PREPARATION

All surface to be clean, dry, sound, free of all laitance, grease, oil, fungal growth, or loose and flaking particles. This could be achieved by wire brushing or high pressure washing having a rotating nozzle and operating pressure of approximately 170 bar, finally rinsing with clean water.

New galvanised iron

The surface has to be thoroughly cleaned using sugar soap or any other grease cutting detergent to remove oils followed by thorough rinsing or high pressure washing using clean water to reveal a clean, sound, water break free surface.

Old galvanised iron

Remove all loose rust, dirt, salts of zinc corrosion and scale by means of wire brushing, sanding, chipping, or mechanical scouring – down to bright metal followed by thorough rinsing or high pressure washing using clean water to reveal a clean, sound, water break free surface.

BONDING/PRIMING

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 m². Allow to dry.

Metal surfaces only

New galvanised iron-prime with **bitu.prime** or **4 metal primer** and allow to dry.

Old galvanised iron-prime with **4 metal primer** and allow to dry.

TYPICAL PHYSICAL PROPERTIES

Density	1.02 g/cm ³
Colour	Black
Finish	Matt
Flash point	None
Dilution	Water only
Toxicity	Non-toxic
Volume solids	47%
Theoretical VOC	< 0.001 g/L
Consistency	Thixotropic paste
Elastic recovery (typical)	65%
Drying time @ 25 °C	Touch dry: ± 1 hour Hard dry: ± 24 hours Full cure: ± 7 days

MIXING

Stir well before use.

COVERAGE

2.1 L/m² – full system.

APPLICATION

First coat (all surfaces after priming)

Brush or roll on a thick coat (0.75 L/m²) and embed the **abe® membrane** well into the wet coating. On flat surfaces, it is recommended to use a fluted aluminium 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 **super laykold** (0.75 L/m²) to ensure the membrane is completely saturated, and allow to dry.

Third coat

Apply a final coat of **super laykold** (0.6 L/m²) to give a smooth finish.

Note: If **super laykold** is used in a koi pond or dam, allow to dry for 14 days. Flush with clean water before filling.

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 the system to dry for 7 – 10 days and then overcoat exposed areas with **silvakote**.

TEMPERATURE AND RELATIVE HUMIDITY

Do not apply if temperature is below 5 °C.

MODEL SPECIFICATION

Rubberised bitumen emulsion waterproofing system.

The waterproofing/flashing system will be **super laykold**, a single pack, elastic, rubberised bitumen compound applied in accordance with the recommendations of **a.b.e.® Construction Chemicals**, including **abe® membrane**, **bitu.®prime** or **4 metal primer** and a protective coating of **silvakote** where necessary.

PACKAGING

1 L, 5 L, 20 L and 200 L containers.

HANDLING AND STORAGE

This product has a shelf-life of 12 months if kept in a dry cool place in the original packaging. In more extreme conditions this period might be shortened.

HEALTH AND SAFETY

super laykold is mildly caustic and should not be allowed contact with skin and eyes or ingested. The use of gloves and eye protection is advised. Splashes into eyes should be washed immediately with plenty of clean water and medical advice sought.

Cured **super laykold** is inert and harmless.

IMPORTANT NOTE

This data sheet is issued as a guide to the use of the product(s) concerned. Whilst **a.b.e.® Construction Chemicals** endeavours 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 9001:2008 registered company
PO Box 5100, Boksburg North, 1461, South Africa
Website: www.abe.co.za | Tel: +27(0) 11 306 9000
Durban | Johannesburg | Cape Town | Port Elizabeth | East London | Bloemfontein | George

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