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Synthaprufe LAC

024019700 (5L)
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SYNTHAPRUF LAC

DESCRIPTION:

Synthaprufe LAC is a high performance waterproofing liquid used as damp proof membrane, radon barrier and as a water-repellent weathering coat, used prior to the erection of masonry.

USE:

- May be used to protect foundations, retaining walls (in conjunction with Plasprufe tanking membranes), abutments, steel columns, beams and lintels.
- Also highly effective as a background weathering for structures behind rain screens and terracotta cladding.

APPLICATION:

• Structures to receive Synthaprufe LAC should be constructed to reflect the requirements of the Building Regulations and the current British Standards.

• All surfaces must be clean, dry and free from grease, oil, dirt and loose material. Any hollows in the structure must be filled to an even smooth finish with cement mortar. All sharp projections must be removed to give an even surface.

• **Concrete Surfaces** should be brushed or floated to achieve a smooth surface.

• **Masonry** should be stable and flush pointed. If necessary consideration should be given to the application of a sand / cement slurry to fully seal all textured surfaces.

• **Metal Surfaces** must be wire brushed or sand blasted and primed with a suitable steel primer to inhibit rust formation.

Synthaprufe LAC is compatible with products such as red oxide and zinc phosphate. Synthaprufe LAC should be applied in two coats at a rate of 2.5m²/litre per coat as described below. All surfaces including rivet and bolt heads should be thoroughly coated. Synthaprufe LAC should not be installed when the temperature falls below 5°C.

• Pour Synthaprufe LAC into a suitable metal container. It should then be applied with a stiff brush and worked into the surface at the recommended coverage rate. Synthaprufe LAC applied to horizontal surfaces should be dressed up vertical walls and connected to the damp proof course installed in the walls. Synthaprufe LAC should not be allowed to pool in depressions and should not be poured from the tin/drum directly on to the substrate.

• The first coat should be given 24 hours to dry. This time may extend if air temperature is low and ventilation poor. However, drying times can be assisted by the provision of a forced draft. The second coat must only be applied when the first coat is completely dry.

• When both coats forming the membrane have been applied, and it is completely dry, it should be covered with a minimum 50mm sand / cement floor screed.

• In locations where the membrane is likely to receive site traffic or come in contact with backfill material Ruberoid Plasprufe Protection Boards should be installed over the membrane.

• Avoid exposing the membrane to UV light. Plasprufe Protection Boards should be installed if exposure to UV light is expected to be over 25 days.

Note: Use only in well-ventilated areas, or with respiratory apparatus, away from all sources of ignition. Precautions must be taken to prevent the solvent vapour entering the ventilating systems of buildings.

PHYSICAL AND CHEMICAL PROPERTIES:

- Compound: Bitumen solvent
- Solids content: 66%
- Specific gravity: 0.98 (approx.)
- Flash point: ±33°C
- Water vapour permeability: 0.14g/m² per 24hr
- Curing time: 24 hours (touch dry)
- Application temperature: Above 5°C
- UV resistance: Low

COVERAGE:

Synthaprufe LAC should be applied in two coats at the following coverage rates:

	First coat	Second coat
• Metal	2.5 m ² /Litre	2.5 m ² /Litre
• All surfaces	1.5 m ² /Litre	2.5 m ² /Litre

CLEANING:

- White Spirit

PACKAGING:

- 5L, 25L

STORAGE:

• Containers should be kept sealed in a cool, dry, well-ventilated environment and all practical precautions taken against fire. Partly used containers may be resealed and used again after correct storage. To avoid the risk of spillage, always store and transport in a secure upright position.

SHELF LIFE

- Maximum 2 years in sealed container.

HEALTH AND SAFETY:

- Keep container tightly sealed and away from direct heat. Keep away from sources of ignition. No smoking. Avoid contact with skin and eyes. Should there be contact with skin, wash immediately with soap and water or a recognised skin cleaner. In case of contact with eyes,
 - Rinse immediately with plenty of water & seek medical advice.
 - In the event of accidents, seek medical attention immediately.
 - Do not empty into drains.
 - Do not allow solvent vapour to enter the air intakes of the ventilation systems of buildings.

FIRE:

- In case of fire, use foam, dry powder, carbon dioxide or sand. Never use water jet.

