



LAMASOL

Rubberized Bitumen Emulsion
Waterproofing and Adhesive.

Description:

LAMASOL is a cold applied rubberized bitumen emulsion, dark brown in color. It dries to form a black flexible coating.

Uses:

- General Waterproofing:* For use on concrete (exposed or below ground), cement, roofing felt, mastic asphalt, and corrugated iron, as a water and moisture barrier.
- Metal Protection:* Provides protection against corrosion of pipes, structural steelwork and other metallic equipment.
- Insulation:* Provides weatherproofing layer when used over exposed insulation, in conjunction with a light weight non-woven glass fabric or saturated polyester mat or jute. Also used as a vapor barrier when applied on concrete surfaces below insulation.
- Adhesive:* Highly effective as an adhesive for wood blocks, insulation boards, expanded polystyrene and cork panels, or as a plaster bonding agent on difficult surfaces.
- Priming:* LAMASOL is diluted with an equal amount of water and used as a primer in a single coat to enhance adhesion between the substrate and waterproofing sheet membranes.

Standard:

LAMASOL complies with the requirements of JS 1193, ASTM D 1227 Type III Class 1, and ASTM D3747 Type I.

Containers:

LAMASOL can be supplied in 20 and 200 liter drum.

Storage:

- Keep containers well closed.
- Store under cover at temperatures between 5°C and 40°C.

Surface Preparation:

Clean off all dirt, dust, grease or oil or any other contaminant prior to the application of LAMASOL.

For porous surfaces, apply a primer coat of LAMASOL diluted with equal quantity of water.

Application:

- Stir LAMASOL to homogeneity & apply by brush the first coat at a rate of 0.50-0.75 kg/m². To ease application, dampen the applicator before and during use. Dilute the first coat with water at 1:1 ratio.
- Allow the first coat to dry.
- Apply the second coat at the same rate and right angle to the first coat.
- Protect from frost and rain until fully cured.

Note: LAMASOL is applied on damp or dry surfaces.

Cleaning:

- Clean immediately after use, with water.
- Use kerosene or white spirit if the material has dried.
- During work, place tools in water while not in use.

Health & Safety:

- Flammability: Non-flammable.
- Skin contact: Avoid repeated or prolonged contact with skin.
- Eye contact: Protect the eyes from splashes by wearing goggles. If splashed, irrigate with clean water and consult the nearest physician.



QMS Certified Firm

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Technical Specifications

Property	Result	Test Standard
Appearance	Dark brown liquid.	
Specific gravity	980-1040	ASTM D2939
Residue by evaporation, %	47-53	ASTM D2939
Ash content of residue, (Max)%	8	ASTM D2939
Water content, (Max)%	53	
Drying time.	1-4 hours depending on weather conditions.	ASTM D2939
Firm set, hr.	24	
Heat test, 100± 3 °C	No blistering, sagging, or slipping.	ASTM D2939
Flexibility, 0± 0.5 °C	No cracking or flaking.	ASTM D2939
Direct flame test	Coating chars in place.	ASTM D2939
Resistance to water	No blistering or re emulsification.	ASTM D2939
Resistance to chemicals	Resistance to alcohol, most salt solutions and dilute acids and alkalis.	
Resistance to bacteria and fungi	Resistant to both	

- This Technical Data is the average results of tests, measurements and trials carried out by LAMA's own laboratory and RSS laboratories according to international standards such as ASTM, B.S and UEAtc.
- This product data sheet supersedes all previous data publications pertaining to this product.
- This data may be changed, improved or modified by LAMA, in accordance with the Client's requirements, availability of raw material, without advance notice.