

LAVATEX 2000

RUBBER MODIFIED LIQUID W/P MEMBRANE

LAVATEX 2000 is a high performance ready to use, cold applied, high build liquid waterproofing membrane based on polymer modified bitumen emulsion. LAVATEX 2000 forms a seamless, highly elastic and durable film that adheres well to most of the common substrates e.g. concrete, cement blocks, wood, existing roof felts. LAVATEX 2000 is highly resistant to chlorides and sulphates commonly present in the soil. Also resistant to fungus growth.

USES

- Waterproofing of concrete and block foundations, retaining walls, basements and wet areas such as kitchen, toilet floors and balconies.
- Damp proof membrane in sandwich panel constructions
- Curing membrane cum protective coating for sub structure
- Façade damp proofing

FEATURES

- Single component, ready to use.
- Resistant to temperatures from -20 °C to +110 °C.
- Easy to use.
- Non-flammable and Non-toxic.
- Applicable on damp surfaces.
- Resistant to chlorides & sulphates usually present in the soil.
- Environment friendly
- VOC Free

TYPICAL PRODUCT CHARACTERISTICS

Appearance : Thick brownish emulsion dries to a black Flexible protective membrane.

Specific Gravity	: 1.03 +/- 0.01
Non-volatile content	: 65% (Approx.)
Rubber content	: 12% (Approx.)
pH	: 11.0 – 13.0
VOC	: < 10 g / kg
Drying Time	: 1 – 3 hours
Full dry	: 3 – 4 days

The drying time depends on the type of substrate, temperature, humidity and thickness of layer, etc.

PROPERTIES OF DRY FILM

Softening point R & B (ASTM D36 - 84)	: > 100°C.
Elongation at break (ASTM D412)	: 700% approximately
Water vapour permeability (ASTM E96- 92)	: 0.15gr/m ² /day
Resistance to water (ASTM D2939)	: No Blistering or re-emulsification

STANDARDS

Protection of buildings against Ground water:
As per BS 102 Code of practice.
Curing membrane: ASTM C 309:1998
ASTM D 2939

SURFACE PREPARATION

All surfaces should be sound, clean and free of contaminants. Absorbent surfaces e.g. concrete should preferably be dampened with water. In kitchens, toilets and other wet areas all the openings should be properly sealed. On all weak points such as cracks or around the pipes use a woven fiberglass mesh as LAVATEX 2000.



FALCON CHEMICALS L.L.C.

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An ISO 9001 & ISO14001 Certified Company

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APPLICATION

LAVATEX 2000 can be applied by brush, roller or squeegee. Hot, dry or very porous substrate should be dampened with clean water prior to application of LAVATEX 2000. When two or more coats are required, ensure that the preceding coat is fully dry before applying the successive coat, which should be applied at right angle to preceding coat.

LAVATEX 2000 also acts as a curing membrane; hence it may be applied to fresh concrete immediately after the removal of formwork, eliminating the need of conventional curing with water. Since it gives a permanent black finish LAVATEX 2000 is recommended as curing membrane only for surfaces which have no aesthetic value such as sub-structures of buildings.

Caution: Should not be used as curing membrane on surfaces to be painted.

APPLICATION RATE

- For damp proofing/vapour barrier:
3 – 4 m² / kg /coat – Apply 2 coats
- Waterproofing membrane:
1m²/ kg /coat – apply 2 coats
- Curing membrane:
2 – 3 m²/kg – apply one coat

PACKING

18 kg pail and 200 kg drum.

STORAGE/SHELF LIFE

Keep away from direct sunlight and store under normal warehouse conditions. Container must be tightly closed. Shelf life of the product is 12 months from the date of manufacturing provided it is stored in unopened factory packed drums.

CLEANING

Tools may be cleaned with water as long as the product is wet. Once dry, by mechanical means only.

TECHNICAL SERVICES

Technical assistance and information is available by calling Falcon Chemicals (L.L.C.) on specific application.

HEALTH AND SAFETY

Use normal safety precautions. Wear rubber hand gloves, safety shoes and safety goggles while using and handling the product. Avoid contact with skin and eyes. In case of accidental contact with eyes, wash with plenty of water and seek medical treatment immediately.

DISCLAIMER

Use this leaflet as a guide for the use of the product concerned. The information given is in accordance with latest technical developments. However, we cannot accept liability/responsibility for any work carried out with our materials, as we have no control over the method of application used or the condition of site involved.

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This technical specification supercedes all previous data sheets.



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