

CHEMSTUK



Liquid Lastic, 242

Floor Coating and Waterproofing

Two-component - 3:2, polyurethane (A+B) by Volume liquid membrane for waterproofing & protection.

DESCRIPTION

Liquid Lastic is a fast-curing, two-component, polyurethane fluid. It produces a highly elastic membrane with strong adhesion to many types of surfaces and excellent mechanical and chemical resistance properties.

It is based on a pure elastomeric hydrophobic polyurethane resin extended with a chemically polymerized hardener.

Apply with a brush, roller, or spatula.

Minimum consumption: 1.5 lt/m².

COMPLIANCE - CERTIFICATION

- ASTM C836-95



UV Resistant



Chemical Resistant



Water Resistant



Heavy Duty

Packaging

The product is supplied in full units as a two-component pack.

Part A	6 L
Part B	4 L
Ratio	10:4 by Weight 3:2 by Volume

Curing Times

Dry to touch	4 hours
Hard dry	One day
Full curing	28 days
Recoat interval, Min	8 hours @ 20°C
Recoat interval, Max	72 hours, see REMARKS

Additional Information

Colours	Greyish
Finish	Gloss
Solid Content (by Volume)-%	68±0.5
Theoretical spreading rate	6 m ² /One kit (10 litres)
Flashpoint	28°C/83°F
Specific gravity	Part A 1.6 kg/lit- Part B .9 kg/lit
V.O.C.	Max. 40 gr/lit
Shelf life	1 Year (25°C / 77°F) from the time of production. Depending on storage conditions, mechanical stirring may be necessary before use.

LIMITATIONS

It is not recommended for unsound substrates or UV-exposed applications.

RECOMMENDED FOR

Waterproofing and protection of:

- basements,
- foundations,
- roofs (inverted roof insulation build-ups),
- green roofs and flowerpots,
- gypsum and cement boards,
- polyurethane insulation foams,
- asphalt membranes,
- bathrooms (flake finish),
- verandas and balconies (flake finish),
- light roofing made of metal or fibrous cement,
- non-potable water tanks,
- bridge platforms,
- "cut-and-cover" tunnels,
- irrigation channels.

FEATURES & BENEFITS

- Components easily mixed.
- Fast curing.
- Thick, membrane possible.
- Being a two-component product means that the quantities not mixed can be stored for later use.
- Its low modulus gives it excellent substrate crack-bridging properties.
- Excellent adhesion on almost any surface, with or without the use of special primers.
- No thinning is required but SOLVENT-01 may be used.
- Excellent thermal resistance, the product never turns soft. Max service temperature 80 °C, max shock temperature 200 °C.
- Resistance in the cold: The film remains elastic even down to -40 °C.

- Excellent mechanical properties, high elongation, tensile and tear strength, and high abrasion resistance.
- Good chemical resistance.
- Good water vapour barrier properties.
- Can also be used as a **joint sealant**.

APPLICATION PREREQUISITES

Can be successfully applied on: Concrete/steel reinforced concrete or otherwise, fibrous cement, mosaic, cement roof tiles, old (but well-adhered) acrylic and asphalt coats, wood, corroded metal, and galvanized steel. For information about other substrates, please contact our tech department.

Concrete substrate conditions (standard):

- Hardness: $R_{28} = 25\text{MPa}$.
- Humidity: $W < 10\%$.
- Temperature: 5-35 °C.
- Relative humidity: $< 85\%$.

Primer selection for special conditions and substrates: Epoxy Primer.

APPLICATION PROCEDURE

Clean the surface using a high-pressure washer, if possible. Remove oil, grease and wax contaminants. Cement laitance, loose particles, mould release agents, cured membranes, etc. must be removed.

Priming:

Apply epoxy primer and follow the application instructions given on its prospectus.

Mixing:

Mix volumes of the two components with a low-speed (300 rpm) mixer. Apply mixed quantities immediately. Pot life (of mix): 30-45 min at 20 °C.

Crack bridging:

Apply Liquid Latic (or

locally over any cracks larger than 1 mm before the main coat.

Application

Apply the material with a brush, roller, or spatula.

TECHNICAL SPECIFICATIONS

In liquid form (before application):

CONSUMPTION

Minimum consumption: 1.5 lt/m².

CLEANING

Clean tools and equipment first with paper towels and then using SOLVENT-T01. Rollers will not be re-usable.

SHELF LIFE

May be specified in another film thickness than indicated depending on purpose and area of use.

This will alter the spreading rate and may influence drying time and recoating intervals. The normal range is 50-125 microns/ 2-5 mils.



Low Maintenance



Wear Resistant



Easy Application

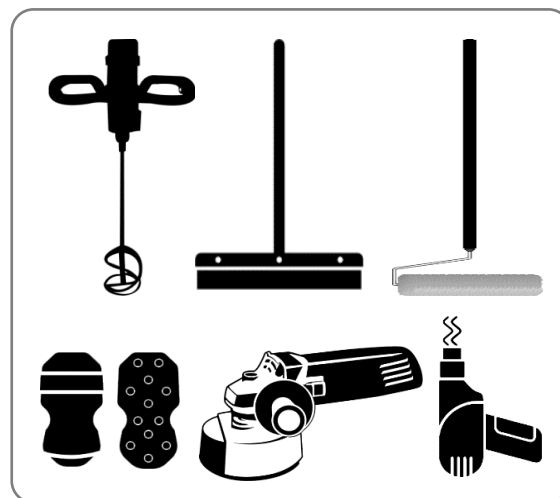


Environmentally Friendly

PRECAUTIONS

Contains a small quantity of volatile flammable solvents.

Apply in well-ventilated, no-smoking areas, away from naked flames. In closed spaces use ventilators and carbon-active masks. Keep in mind that solvents are heavier than air so they creep on the floor. The MSDS (Material Safety Data Sheet) is available on request.



DISCLAIMER

This Technical Data Sheet is to be used as a guide only; it is NOT a specification. Chemstuk Pty Ltd has no control over the use or storage of this product and therefore does not accept liability in this regard. Any verbal advice given should not be regarded as authoritative information. This information is subject to change without notice; all applicators should ensure they have current information. This product is intended for the use only of skilled tradesmen and, where applicable, statutorily licensed tradesmen experienced and trained in the use of this product. Due to differences in substrates, application methods and local conditions, purchasers of these products must ensure that they are suitable for their specific application before using these products. While the information contained in the TDS and SDS is accurate to the best of our knowledge, Chemstuk Pty Ltd cannot guarantee that the information contained is wholly comprehensive. Subject to the provisions of the Trade Practices Act, the company's liability in relation to defective products shall be limited to replacement of the product if the product is proven to be defective.