

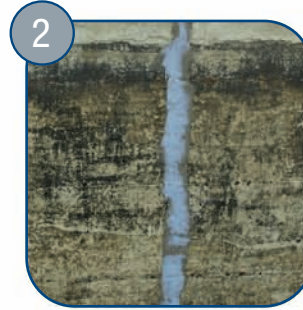
COLPHENE LM 300



Installation Steps



1 The substrate must be clean, sound and free of debris, grease or any other contaminants that can compromise adhesion.



2 Fill in joints and cracks less than 6 mm (¼ in) with SOPRASEAL LM 200 T. When cracks are greater than 6 mm (¼ in) wide, prime with ELASTOCOL STICK and apply a 150-mm (6 in) COLPHENE 3000 self-adhesive membrane strip.



3 Required equipment (33:1 Pump)



4 Apply COLPHENE LM 300 at the required thickness by overlapping half of sprayed area.



5 On certain porous substrates, apply first layer vertically and a second layer horizontally at the required thickness. (See note 1)



7 Proceed continuously at angles and penetrations.



8 Use a notched gage to determine the thickness of the products. Thickness of the damp film: 1.5 mm (60 mil) Thickness of the dry film: 0.75 mm (30mil)



9 The footing must be covered with COLPHENE LM 300.



10 Installation is completed.



11 Product changes colour during curing process.



12 Drying time of 24 hours is required prior to adding panel and backfill.

COLPHENE LM 300

Required Tools:

- Spraying equipment
- Paint roller and metal tray
- Trowel

Accessories:

- SOPRASEAL LM 200 T
- COLPHENE 3000 (6 in strip) membrane
- ELASTOCOL STICK Primer
- SOPRADRAIN 10-G Protective Panel

Product Description

COLPHENE LM 300 is a liquid coating membrane that combines the features of a sealer and an elastomeric membrane.

Acceptable substrate and surface preparation

- **COLPHENE LM 300** provides excellent adhesion to most substrates such as wood, metal, ICF as well as cured or green concrete. No primer is required.
- Joints and cracks less than 6 mm (¼ in) should be filled with SOPRASEAL LM 200 T. When cracks are greater than 6 mm (¼ in) wide, surface should be primed with ELASTOCOL STICK and covered with a 150 mm (6 in) COLPHENE 3000 self-adhesive membrane strip centred on the cracks.
- **COLPHENE LM 300** can be applied on damp surfaces.

Limitations

- **COLPHENE LM 300** should not be left permanently exposed to UV rays.
- Minimum application and curing temperature is 5 °C (41 °F).
- If temperature below 0 °C (32 °F) or rain are imminent (24 hours), do not use.

Note: Uncured product may be affected by water.

Coverage

14 m² (150 sq. ft.) per 19 L container

Application

COLPHENE LM 300 is applied with a spray, trowel or brush.

Spraying equipment recommendations:

- Recommended inlet air pressure of 80 psi (551 kPa)
- Insert equipment into 19 L pail
- Spray without filter
- 0.027" spray tip size is recommended
- For roller application, use heavy nap rollers.

Note 1: Certain porous substrates may require an installation in 2 layers to obtain the desired thickness and continuous membrane.

Note 2: To prevent product contamination when spraying, cover the container with a plastic film or a cloth. If the opening clogs, reverse the control and clean. When not spraying, remove spray guard and clean with water. When finished with the equipment, remove lower pump from the container and flush with water until clear. Clean equipment according to manufacturer recommendation.

Curing and Drying

Install and allow material to dry at air and surface temperatures of 5 °C (41 °F) or higher. If temperature below 0 °C (32 °F) or rain are imminent (24 hours), do not use. Curing time will be affected by relative humidity, temperature and airflow.

Dry to touch: 2 to 5 hours

Note: Actual drying time may differ depending on site conditions.

Cleaning

Uncured material can be cleaned using light soap and water. Cured material is best removed by solvents such as mineral spirits, varsol, xylene or by mechanical means.

CONSULT THE MATERIAL SAFETY DATA SHEET PRIOR TO USE.

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