

## ROSALEE COALTAR EPOXY MEMBRANE FOR WATER PROOFING TWO PACK

### ➤ Scope

Nowadays, architects design swimming pools on the 10<sup>th</sup> floor and above and also suggest roof gardening. To ensure prevention of seepage, on the floor down below, special, waterproof coating is needed and the right type of coating should involve epoxy resin along with coaltar. Besides, the curing compound (hardener) has to be special which when mixed with the base, should yield a very uniform non-porous coating. For information, most of the coating films including plastic sheets are breathing type meaning permeability. Our product reduces permeability to almost zero and is excellent for water proofing of foundation. By and large, coal tar offers the right performance for the job. It can withstand tremendous hydrostatic pressure.

### ➤ Areas of Application

All areas made of cement concrete, which need powerful protection from seepage of water in any building.

### ➤ Surface Preparation

The surface must be free from excessive moisture and also from oil/grease spots. Lightly abrade the surface with dry sanding paper. Make it free from all dust and loose particles. A fine sand paper attached to a revolving disc will be ideal. For better results, a coat of dilute phosphoric acid can be given.

### ➤ Technical Data

• APPEARANCE	:	Thixotropic, greyish – black liquid free from lumps.
• VISCOSITY	:	Base : thixotropic Hardener : 65 ± 3 sec. At 30°c
• WEIGHT PER LITRE	:	Base : 1.30 ± 2 kg. Per ltr. Hardener : 1.00 ± 0.02 kg. Per ltr.
• MIXING RATIO	:	3 : 1 by volume.
• THINNER TO BE USED	:	None
• VISCOSITY OF THE MIX	:	Thixotropic
• POT LIFE OF THE MIX	:	8 to 10 hrs.
• DRYING TIME	:	Surface dry : 20 to 25 min.
• HARD DRY	:	24 hrs.
• RECOATABILITY	:	8 to 10 hours
• SCRATCH HARDNESS	:	Passes load of 1800 gms.
• FLEXIBILITY	:	Passes bending mandrel of 1/4”
• WATER RESISTANCE	:	No adverse effect for 12 months and more.
• DRY FILM THICKNESS	:	Single coat

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- COVERING CAPACITY : 7 – 8 sq. Mtr. Per coat at 60 – 65 dft.

### ➤ **Directions for Use**

Prepare the surface as directed above. Mix the base and the hardener in recommended ratio. Give initiation time of 15-20 minutes and start applying either with an airless gun or with a broad plastic spatula. The film will be self-leveling and hence, no thinner is required. Apply three coats, each at an interval of 4 to 6 hours.

### ➤ **Notes**

Thoroughly wash the gun and other accessories with Rosalee Thinner 033 immediately after use. If this precaution is not taken the orifice of the gun will get choked.

Avoid painting, during excessive humidity.

Please confirm with the supplier that epoxy used is a low molecular weight liquid resin : 100% solid. Hard epoxy resin will give inferior performance.

### ➤ **Disclaimer**

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