

**SOPREMA**

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TECHNICAL DATA SHEET  
**140520SME1E**  
 (supersedes 140203SME1E)

# ALSAN DPE

## Rubberized Bitumen Emulsion

### DESCRIPTION

**ALSAN DPE** is a cold applied rubberized bitumen emulsion coating, dark brown in color. It dries to form a black, seamless, flexible and vapor proof coating. ALSAN DPE meets the requirements of ASTM D1227, Type III, Class 1.

### APPLICATIONS

- Damproof membrane
- Protective coating over concrete foundations.
- Concrete curing compound
- Vapor barrier coating.

### INSTALLATION

#### SUBSTRATES PREPARATION

1. All substrate must be clean, free from dirt, dust, soil, grease, oil and other loose particles.
2. It is recommended to prime the substrate with **SOPRADERE** prior to applying the **ALSAN DPE**.
3. Stir the content to homogeneity before application.
4. Apply a minimum of 2 coats by brush or spray equipment at a rate of 0.50 - 0.75 kg/m<sup>2</sup> per coat.
5. Dilute the first coat with water at 1:1 ratio. Allow the first coat to dry. Apply the second coat.
6. To ease application, dampen the applicator equipment before and during use.
6. Apply each coat at a right angle to the previous one to achieve good coverage and uniformity.
7. Drying time is 1-4 hours under normal conditions. Under damp and cold conditions it is recommended to allow 6 hours between successive coats.
8. Protect from frost and rain until fully cured.
9. It is recommended to protect with **SOPRABOARD** protection board using **SOPRATAPE** prior to backfilling.
10. Allow 48 hours before installation of protection board or backfilling.

### HEALTH & ENVIRONMENT

The membrane does not contain any substance that might be detrimental to health or to the environment and complies with generally accepted health standards and Material Safety Data Sheet (MSDS).

### PACKAGING

Specifications	ALSAN DPE
Physical state	Liquid
Colour	Dark brown
Dimensions	20 L pails and 200 L drums



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### PROPERTIES

ALSAN DPE meets the requirements of ASTM D1227, Type III, Class 1.

Properties	ALSAN DPE
Specific gravity	980 - 1040
Solids	47 - 53 %
Ash content of residue, Max	8 %
Water content, Max	53 %
Firm set	24 hours
Drying time	1 - 4 hours depending on weather conditions.
Heat test, 100 ± 3 °C	No blistering, sagging, or slipping.
Flexibility, 0 ± 1/2 °C	No cracking or flaking.
Resistance to water	No blistering or reemulsification
Direct flame test	Coating chars in place.
Resistance to chemicals	Resistance to alcohol, most salt solutions and dilute acids and alkalis.

(All values are nominal)

### 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.

### STORAGE & HANDLING

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

For more information, refer to instruction on the label of the packaging and to relevant Material Safety Data Sheet (MSDS).

