مصنع دبي للمواد اللاصقة ذ.م.م
Dubai Adhesive Material Factory L.L.C.

Certified by PRODUCT CONFORMITY

DEUPROOF SP

High-Quality Flexible, UV-Resistant Waterproofing Coating

Doc. No. **TDS-DEUPROOF-SP** Revised **July 2026**

General Description

DEUPROOF SP is a single-component waterproofing coating based on a special synthetic resin. Its flexible and thixotropic consistency makes it suitable for both horizontal and vertical surfaces. The economical, low-VOC coating forms a seamless protective membrane, while its white colour provides solar reflectance and helps reduce heat absorption.

Advantages

- Increases structural durability and service life
- Easy to apply without specialized machinery
- Forms a seamless, joint-free waterproof membrane
- Very low VOC content
- Provides solar-reflective thermal insulation
- Bonds well to common building materials
- Protects polyurethane-foam insulation

Areas of Application

- Topcoat for conventional roofs
- Waterproofing and decoration of external plastered walls
- New waterproofing work and repairs to previously treated or untreated surfaces
- Roof slabs, terraces, balconies, sunshades and parapet walls
- Flashings, roof edges, gullies and steeply pitched details
- Brick-bat coba and IPS flooring systems as a base or intermediate waterproofing coat
- Complex structures including domes, arches, shells, folded plates, sandwich panels and corrugated sheets

Application Method

Stir thoroughly before use. Apply a primer coat diluted with 25–30% clean water by brush, roller or spray. While the primer remains wet, embed the selected reinforcing cloth where required. After the primer has dried, apply at least two coats of undiluted DEUPROOF SP, allowing each coat to cure fully before applying the next. At approximately 35°C, allow about 8 hours between coats. For improved reinforcement, embed DEUPROOF SP glass-fibre reinforcing material into the first wet coat, particularly at expansion areas and wall-to-parapet junctions. The product may be diluted with 5–10% water to ease application.

Surface Preparation

Surfaces must be clean and free from oil, grease, dust and loose particles. Remove rust and contamination from metal surfaces. Existing asphalt, bitumen coatings or roofing felt must be inspected, and all blisters, peeling material and loose areas must be removed and properly repaired. Masonry joints must be flush-filled. Tile joints on roofs, terraces, balconies and sunshades must be completely filled to prevent water penetration.

Coverage

Coverage depends on surface condition. On a smooth surface, apply approximately 850 g/m^2 for the first coat and 800 g/m^2 for the second coat. Two coats provide approximately 1 mm dry-film thickness.

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Technical Data

Property	Value
Appearance	White, thixotropic
Solid content	65% ± 5%
Specific gravity	1.27 ± 0.10
Coat thickness	Approx. 1.0 mm wet film
Elongation at break	300-450%
Solar Reflectance Index (SRI)	85
Recoat interval	Minimum 6 h
Tensile strength	2.0 ± 0.5 N/mm^2
Curing time	30 h
Cracking	None
Application methods	Brush, roller, spray or squeegee

Storage

Shelf life is at least 12 months in unopened containers when stored away from direct sunlight, preferably below 42°C.

Health and Safety

Product is non-hazardous. Avoid ingestion and seek medical advice if swallowed. Exercise normal precautions when handling chemical products and refer to the current Safety Data Sheet for complete handling, first-aid, storage and disposal information.

Cleaning

Clean brushes, rollers, spray equipment and other tools immediately after use with clean water.

Packing Description / Supply

Available in 20 kg pails and 200 kg drums.

The information given is based on our knowledge and the performance of the material. Every precaution is taken during manufacture, and responsibility is limited to the quality of the product supplied. No guarantee of field results is given because the manufacturer has no control over site conditions or execution of the work. Users should verify suitability for the intended application.

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