

SEALBOND DPS

EPOXY DEEP PENETRATING SEALER

Product Description

SEALBOND EPOXY DEEP PENETRATING SEALER (DPS) is a two-component clear epoxy coating especially formulated as a surface primer and concrete sealer applications. It has exceptionally low viscosity property that enables it to seep through concrete surface porosity providing an effective first line barrier against intrusion of water and other liquids. Its excellent adhesive and chemical resistance properties will provide the user years of trouble-free protection.

Features

- Helps promote adhesion of the protective coatings and waterproofing membrane to the concrete substrate and penetrates deeply providing an effective first line barrier against intrusion of water.
- Waterproofing primer which is a vital part of Elastomeric & PU Waterproofing System for concrete gutters, roof decks, toilet & bath, firewalls and other similar concrete structures

Application areas

- Stand alone protective sealer for concrete and neutral mineral substrates such as bricks, natural stones, pavers, precast concrete and cement fiberboards.

Processing Data

Mix Ratio (by volume)	1 Part Resin: 1 Part Hardener	
Gel Time at 30 °C	3-6 hours	
Coating Interval	Min	3 hours
	Max	12 hours
Full Cured	24 hours	
Pot Life	2 hours	
Shelf Life	12 months at room temperature	

Technical / Performance Data

Colors	Clear
Compressive Strength (Solid Coat)	12,000 psi (Solid Coat); 8,000 psi (With Fillers) ASTM D695
Adhesion with concrete and wood	100% Retention (ASTM D3359)
Light-Heavy Pedestrian Traffic Time	2 hours cure time Conditions: 20°C, 50% R.H
Viscosity	15 seconds #4FC
Chemical Resistance	Highly resistant to exposure to fumes, most acids, salt and alkalis
VOC	5.19 g/L ASTM D3960

Procedure & Guidelines

SURFACE PREPARATION

GENERAL

All surfaces must be thoroughly cleaned to remove dirt, grease, mill scale, loose rust, chalk, and any other contaminants that can reduce adhesion.

CONCRETE / MASONRY

Cure for at least 28 days before application. Remove loose or excess mortar, efflorescence, laitance and concrete form release compounds that reduce adhesion. Etch or abrasive blast polished or glazed concrete before use on floors.

PREVIOUSLY PAINTED SURFACES

Scrape loose, scaly, peeling paint and sand the edges smooth. If the paint is glossy, sand to dull the surface. Remove any rust and scale from ferrous metal. If mildew is present, remove completely by sterilizing the surface with mildew remover and detergent. Rinse well and allow to dry before painting.

MIXING

Thoroughly stir each component. Mix one (1) parts by volume of component A to one (1) part of component B. Mix only enough quantities that can be used within the pot-life of the mixture. Any change from the recommended proportion will affect its quality

SEALBOND DPS

APPLICATION

Apply one full coat (as primer only) SEALBOND DPS using brush/roller to achieve a continuous and even coverage. Ensure priming coats are kept clean and free from dust, water and condensation. If two (2) coats are required as per painting specification, allow 3-4 hours drying time to recoat depending on the weather condition.

Theoretical Coverage

SEALBOND DPS Epoxy Deep Penetrating Sealer

One (1) coat if use as primer:
22-24m² / gallon set

Two (2) coat if use as protective sealer
10-12 m² / gallon set

Product is manufactured based on International Environmental Regulations

SEALBOND DPS is a green revolution product.



Health & Safety

Please wear rubber or plastic gloves to avoid contact with skin. Please refer to MSDS for other safety information.

Product is for Professional use only.

Storage / Packaging

SEALBOND DPS is available in 1 gallon set.

This product must be stored dry, protected from sun and rain. No waterproofing works should be performed if weather is unsuitable. These includes heavy rain and moisture

Product Limitation

Product should not be applied directly to the substrate that shows any hydrostatic pressure problems that may later cause disbonding.

Additional Information - Disclaimer

The information and in particular, recommendations relating to the application and end-use of Sealbond products, are given in good faith based on Sealbond's best knowledge and specialty on construction chemical formulations. Products are properly stored and handled in accordance with Sealbond's endorsements. Hence, subject to the care and method of application, deviations (from published values) in performance may occur. In practice, to different materials used, as well as varying working conditions and environments beyond our control Sealbond Chemical Industries Inc. strictly recommend carrying out intensive trials to test the suitability of the product with regards to the required processes and applications. Therefore, any liability for such recommendations or any oral/verbal advice is expressly excluded unless we have acted wilfully or by gross negligence. Sealbond Chemicals Industries Inc. is not liable for installation or faulty installation. It is always the responsibility of the installer/applicator/purchaser to guarantee and certify the installation of materials.

All orders are accepted subject to our current terms of sale and delivery. Users must always refer to the most recent issue of the Product Data Sheet for the product awareness, copies of which will be supplied on request and is free of charge.



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Primers and Sealers

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