



CARBON COAT

Non-Yellowing Abrasion & Impact Resistant High-Build Topcoat for Concrete



DESCRIPTION

Carbon Coat is an environmentally friendly water-based polycarbonate high-build topcoat that provides a UV stable, hard wearing, abrasive and impact resistant surface film that is ideal for heavily trafficked floors.

Carbon Coat forms an ultra-clear membrane with outstanding clarity that enhances the vibrancy of resurfaced floors and protects against moisture penetration, staining, dirt, dust, and wear on concrete and hard surfaces including mechanically ground, smoothed, and polished concrete floors.

Carbon Coat emits almost zero toxic odours (VOC's) and is water-based, making it safe to use and minimising environmental impact.



USES

Carbon Coat is suitable for hard surface interior applications as an abrasion and impact resistant topcoat that is effective on concrete, slate, vinyl, ceramic and stone floors.

ADVANTAGES

- Extremely durable, impact and abrasion resistant for heavy traffic conditions
- Outstanding clarity enhancing vibrancy of resurfaced floors
- Super flowability eliminating brush and roller marks
- UV Stable and non-yellowing maintaining a clear surface film
- Fast drying allowing jobs to be completed within one day
- Excellent dirt pick-up resistance for easy maintenance and cleaning

- Virtually odourless and environmentally friendly
- Ready to use from the container and easy to apply

COVERAGE

One coat will cover approximately 8 – 12 square metres per litre.

SURFACE INSPECTION

Surface must be clean, dry and free from grease, loose paint, oil, dust, curing agents or any foreign material that might prevent proper adhesion.

SURFACE PREPARATION

Concrete, Slate, Vinyl, Ceramic and Stone:

Substrate should be made free from contaminants by diamond grinding or shot blasting. When using other methods ensure it is porous and the product is able to soak in and properly bond. If using acid etches, ensure it is applied, neutralised and rinsed per manufacturer's instructions and that the substrate is dry.

Existing Coatings:

Sand the surface with 100 grit abrasive paper and remove debris with **Recoat Etch** just before the new application.

APPLICATION

Primer:

Eco Bond should be applied liberally and worked into the surface to help penetration and adhesion. It can be applied with a bucket and scrubbed into the substrate with a soft bristled broom.

Topcoat:

Shake container well before use. Apply **Carbon Coat** within 24 hours of the primer coat. Brush, roll or spray even coats to ensure surface is properly covered. When rolling, use a 10mm microfibre roller. Depending on look, thickness, water, and abrasion resistance desired, 1 or 2 coats may be applied. A minimum dry time of 30 minutes at 25°C before re-coat is required.

MAINTENANCE

Full cure may take 3 days depending on climatic conditions. Clean the floor with a wet cloth or mop only after full cure is reached. Do not clean with water or detergent during the first 3 days. After 3 days we recommend the use of **Eco Clean**.

Put mats at all entrance doorways to minimise dirt and grit. Sweep or vacuum daily and damp-wipe with **Eco Clean**.

Use felt pads under furniture legs and appliances. Place

furniture and other heavy appliances carefully.

LIMITATIONS

- Do not apply in conditions above 30°C or below 10°C
- Do not apply onto a damp or moist surface or the coating can turn white and may delaminate
- All moisture should be kept away a minimum of 72 hours after application.
- Always read SDS before use of any product

HEALTH AND SAFETY

For detailed information, refer to the current Safety Data Sheet available at www.ecoshield.com.au

For emergencies, please contact 24-hour mobile 0413 075 994.

First Aid Instructions

If swallowed, dilute with milk or water. DO NOT induce vomiting. Call a doctor if necessary.

If in eyes, rinse cautiously with water for several minutes. Remove contact lenses if present. Continue rinsing. May cause irritation, pain and tearing. A sensible precaution is to seek medical attention.

If on skin: wash with plenty of soap and water. May cause redness and irritation. If irritation and pain continue, seek medical advice.

MANUFACTURER'S COMMENT

Use with any other manufacturer's product could result in detrimental effects on the product's performance for which Ecoshield Performance Coatings holds no responsibility, and Ecoshield Performance Coatings cannot be held responsible for failure to follow application instructions.

Ecoshield Performance Coatings is continually updating materials and methods. Ensure you have the latest information.

Appearance	Transparent liquid
Sheen	Gloss, Satin or Matte
Main components	Polycarbonate
Specific gravity	1.00-1.05
Viscosity (#4 Ford Cup)	22 seconds
Spread rate	8 – 12 m ² per litre
Dry time at 25°C	30 minutes
VOC content	Green Building Council Compliant
Flashpoint	Does not burn
Storage Period	2 years at 5-35°C
Packaging	5, 15 and 200L plastic containers

TYPICAL PROPERTIES

08 8185 7148
info@ecoshield.com.au
www.ecoshield.com.au
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