



Technical Data Sheet

Ecohard WP64 UV stable, solvent-based floor sealer

Description

Ecohard WP64 is a new generation of synthetic methacrylate solvent-based sealer.

Ecohard WP64 penetrates deep inside the surfaces to bind together the particles to produce a harder wearing surface.

Ecohard WP64 provide dustproof, resistant to penetration of oils and waterproofing.

Applications

- Seals concrete and natural stone surfaces preventing penetration of oils and liquids
- Marine sealer for concrete and stones
- The product is ideal for use in warehouses, garages, car parks, and light industrial buildings.
- Used as look enhancer of natural stone.
- can be used as curing compound for freshly placed concrete.

Advantages

- Improves the adhesion of epoxy floor toppings and mortars with the substrate.
- Provides dust proofing.
- Weather and UV-Resistance
- Chemical resistance and Durable finish
- Cost effective.
- Easy to clean
- Easy application and fast curing

Technical properties@ 25°C

Specific gravity:	1.0 ± 0.2
Color	Variable
Time between coats:	2 -4 Hrs
Initial surface absorption BSEN12350-1(ml/m ² .sec) 20C for 10 min	Nil
Full Curing time:	7 days
Abrasion Resistance ASTM D4060	< 0.025 gm
Pull Off adhesion ASTM D4541	> 2.5 Mpa

Method of use

Substrate Preparation

Old concrete:

A sound, clean substrate is essential to achieve maximum adhesion when using **Ecohard WP64** as a sealer.

Light diamond grinding should be carried out as for new concrete floors. Oil and grease penetration should be removed by hot compressed air treatment or with a chemical degreaser. A test area should be done to check sufficient preparation. **Ecohard WP64** will not fix bad or dusty concrete.

New concrete:

Dry removal of laitance by light diamond grinding is preferable but, where this is not feasible, treat with 3 to 5% Hydrochloric acid wash, followed by a neutralizing solution then thorough rinsing with high pressure water (2000psi) and complete drying. Dust and other debris should then be removed by vacuum brush.

Application

Stir material before use. Apply not less than two (2) coats of **Ecohard WP64** by short nap roller, brush, or spray at a coverage rate of 6 to 8m² /liter per coat. we recommend the first coat by roller or brush applied to assist with the penetration into the concrete substrate. The coverage obtained will vary depending on the nature of the surface to be coated.

Three coats may be required on porous or coarse surfaces. Allow 2 - 4 hours between coats.

Theoretical Coverage

Approximately 6-8 m²/Liter depending on surface porosity.

Theoretical WFT 135µm/coat ±30

Disclaimer:

We hope that the information herein will be helpful. The data is based upon knowledge considered to be accurate and true and is offered for the user consideration, investigation and verification in the application intended. We do not warrant the results or performance attained due to the nature of the influence of other constituent components in the application.



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Storage

12 months when stored properly in unopened container in dry conditions at temperature between 5 - 35°C.

Cleaning

All tools shall be cleaned immediately after application using **Envirocon -Solvent**. Hardened materials must be cleaned mechanically.

Packaging

Ecohard WP64 is available in 20- and 200-liters packs.

Cautions

Health and safety

Avoid skin and eye contact by wearing overalls, gloves, goggles, and air-mask etc. Spillage on skin should immediately be removed by thorough washing with water and soap or suitable cleaner. Eye should be flushed with fresh water.

Avoid inhalation of vapors and paint mist by wearing suitable air-mask. In the event of ingestion and eye contact, seek medical attention immediately. Painting must be carried out in well-ventilated area. Smoking in the area should not be permitted. Local safety regulations should be followed.

Fire

Ecohard WP64 is flammable.



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