

Chemclear

Clear Protective Coating

Description

Chemclear is a clear, non-yellowing, fast drying synthetic liquid penetrant, which hardens and dust proofs internal or external masonry surfaces. It deeply penetrates the surface to protect, preserve and waterproof.

Uses

There are two grades of Chemind Chemclear

- Standard, solvent based grade, and
- "W", water based grade.

It can be applied to brick, block, concrete, pre-cast panels, porous paving and stone.

Chemclear is a clear, general purpose, wear-resistant, waterproof sealer for coloured or plain concrete and a variety of wall panel and flooring applications including:

- Sealing of plain or patterned concrete
- Protection of concrete driveways
- Sealing exposed aggregate or slate
- Sealer for plant room floors
- Protection of garage floors
- Sealer for dense stone paving

Features

- Non-Yellowing
- Protects against petrol, grease or oil
- Reduces maintenance costs
- Simple application and fast cure
- Very durable wet-look finish
- Economical

Chemical Resistance

Chemclear has excellent resistance to dilute acids and alkali spillage as well as fats, soaps, detergents and oils on factory and process area floors.

Chemclear resists oil or grease staining and tyre marking on driveways or garage floors.

Typical Properties

Property	Solvent Grade	"W" Grade
Colour	Clear	White liquid that dries clear
Solids Content	25%	20%
S.G.	0.9 g/ml	0.9 g/ml
Drying Time Dust Free	20 minutes	45 min. @ 25°C
Dries Hard	Approx 1 hour	Approx 2 hours
Thinning	Not required	Not required
Flash Point	36°C	Not relevant

Preparation

Surfaces must be sound, dry and free from dust, loose matter, oil, grease or other contaminants.

Very smooth, polished or dense surfaces may require acid etching prior to application of Chemclear.

Application

- Dilute first coat 10 – 15%.
- Apply Chemclear to the surface and immediately work into the pores using a soft bristle broom, roller or brush.
- Apply uniformly leaving no pinholes or gaps.
- When area being worked is saturated with Chemclear, spread any surplus liquid to a new area and continue application.
- Do not leave a heavy surface film.
- Under normal conditions, Chemclear will dry in approximately one hour.
- A second coat diluted 5 – 10% may be applied seal porous surfaces uniformly.
- Allow 2-4 hours drying between coats.
- Chemclear may also be spray applied.

Coverage

Usage is 6-7 m²/litre, dependant on porosity of surface. As a surface sealer to exposed aggregate or slate, the application rate is approximately 10-12 m²/litre.

Thinning

Chemclear Solvent Grade should only be thinned with Chemind GP Solvent. Water based "W" Grade is thinned with clean water.

Packaging

Chemclear is packed in 20 litre pails and 200 litre drums.

Storage

Chemclear should be stored in closed containers in a cool dry place.

Solvent-based Chemclear must be kept away from any fire hazards or ignition sources.

Precautions

Solvent Grade Chemclear liquid is highly flammable. Keep away from open flame and use only in well-ventilated areas.

Open foods, meats, vegetables and dairy products may pick up odours while drying. Protective gloves and eye protection should be worn during use.

Clean-up

Remove uncured Chemclear W with water, and uncured solvent-based Chemclear with Chemind GP Solvent.

Chemind GP Solvent may assist with the removal of cured product. Exercise care when using solvents. Please review all MSDS before use.



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