

FINSEAL GLOW ONE COAT



DESCRIPTION

Finseal Glow ONE COAT is a very high solids solvent based high gloss protective coating formulated for one coat application to a wide range of decorative concrete paving and masonry surfaces requiring heavy duty protection.

Finseal Glow ONE COAT is recommended for application to stencil, coloured, stamped concrete, exposed aggregate and is suitable for pedestrian and vehicle traffic such as driveways.

This very hard-wearing product has a good resistance to petrol, oil, hydraulic fluids, mould, algae and protects substrates from the ingress of dirt, grime and organic matter.

Due to the high solids formulation Finseal Glow One Coat is able to be applied in one coat, saving time and money, while enhancing the appearance and resisting deterioration of the treated surface.

USES

- Concrete pavements
- External driveways
- Stamped / patterned concrete
- Stencilled concrete
- Coloured concrete
- Pedestrian walkways
- Precast construction

FEATURES AND BENEFITS

- High solids for one coat application
- Easy to apply
- Fast drying
- Protects against efflorescence
- Reduced surface weathering
- Enhanced concrete appearance
- Resistant to tyre marking
- UV resistant

TYPICAL PROPERTIES

Resin Type	Acrylic 32% NVM
Specific Gravity	0.92
Viscosity	50-100cps
Film build (recommended)	100um @ 3-3.5m ² /L
Thinning	Xylene
Recoat window	24 hours

APPLICATION GUIDELINES

Surface Preparation

Areas to be treated must be clean, dry, free from oil, grease and surface curing compounds.

New Concrete

Freshly laid concrete should be left to cure for a minimum of 14 days prior to application, unless treated with Finseal GLOW PS Primer Sealer same day sealer after finishing.

Remove all dirt, grease, oil, paint or curing compounds with Finseal Paveclean / TyreClean or suitable general-purpose cleaner or stripper. Thoroughly wash and pressure clean surface.

A light acid etch prior to application is recommended to ensure unreacted laitance is removed prior to applying to new stamped or exposed aggregate concrete.

Pressure clean surface at minimum 2000psi to prepare for sealing.

Allow surface to dry prior to application of the sealer.

Existing unsealed concrete

Ensure surface is thoroughly prepared and dirt, grease, staining, oils and contaminants are removed with Fincare Paveclean / TyreClean followed by thorough scrubbing or pressure washing at minimum of 2000psi.

A light acid etch prior to application is recommended to ensure unreacted laitance and loose cementitious material is removed prior to sealing and increase penetration of the prime coat.

On 'tight' trowel finished concrete surfaces a heavier acid etch preparation may be required to increase penetration and adhesion of the material.

Pressure clean surface with a minimum 2000psi to prepare for sealing.

Allow surface to dry prior to application of the sealer.

Previously sealed concrete

Ensure surface is thoroughly prepared and dirt, grease, staining, oils and contaminants are removed with Fincare Paveclean / TyreClean followed by thorough scrubbing or pressure washing at minimum of 2000psi.

Assess any existing sealer is sound, free of delamination and surface whitening. Undertake a cross hatch pull off test to a small area to assess adhesion of existing coating for further sealing.

If the existing sealer is unsuitable it is recommended that this be completely stripped off prior to new sealer being applied.

If sound, the existing sealer should be reactivated via application of Finseal Glow 100 solvent and agitated with a solvent resistant broom. Allow to dry before commencing sealing.

Sealer Application

Apply Finseal Glow ONE COAT with a solvent resistant spray unit, lambswool roller or broom.

Slowly stir the material until thoroughly mixed to ensure an even look and sealing properties.

PRIMING:

• To resurfaced concrete

Apply Finseal Glow One Coat diluted 20% with Finseal Xylene to the resurfaced concrete and leave for minimum of 2 hours before applying second coat.

• To previously sealed concrete

Apply Finseal Glow ONE COAT diluted 20% with Finseal Xylene to the resurfaced concrete and leave for minimum of 2 hours before applying second coat.

• To new cured or existing unsealed concrete

Apply Finseal Glow PS - Primer / Sealer and allow to dry for minimum leave for minimum of 2 hours before applying top coat.

Application Method

Apply sealer with solvent resistant spray unit, lambswool roller or brush at sufficient rate to achieve consistent coverage in even coats.

Pour material into a tray for application by roller or brush. If spraying, ensure to back roll or broom out any puddles or uneven application areas.

Second Coat:

Though the product is designed as a single coat, if additional film build or highly gloss levels are required, additional coats can be added. Apply the second coat in the opposite direction to the first without thinning.

Allow minimum of 2 hours between subsequent coats and a recoat window of 24 hours for chemical adhesion without further preparation.

IMPORTANT

Application Conditions

Finseal Glow ONE COAT is not recommended for new uncured concrete as shrinkage of the concrete during the drying process may result in coating delamination and lead to whitening of the surface. It is recommended to use Finseal Glow PS on new uncured concrete. The product can be applied as early as 7 days IF applied over 1 coat of Finseal GLOW PS (ie Cure and seal) applied 7 days earlier.

Curing times are dependent on surface and ambient temperatures.

Avoid applying in excessively hot or cold parts of the day with temperatures below 5°C or above 30°C as blooming or bubbling of the coating may occur. Application in excessively hot temperatures in direct sunlight is not recommended.

SLIP RESISTANCE

Sealing of surfaces with smooth or very low profiles that have a low coefficient of friction may result in that surface being slippery when wet. Consideration needs to be given regarding slip resistance and the addition of non-skid additives such as Finpro AD50P to the final coat.

Be aware that as the coating wears, the slip reducing additive will also wear. Reapplication will be required to reinstate slip resistance.

CURING TIME

Curing is dependent on the temperature. The sealer is usually touch dry in approximately 30 minutes at 25°C.

Protect the sealed surface from rain, water and sprinkler systems for a minimum of 6 hours. Accessible to foot traffic after 24 hours and vehicle traffic after a minimum of 5 days.

ESTIMATING DATA

Coverage is approximately 3-4m² per litre per coat. Theoretical coverage for a 1 coats application is approx. 60m² per 20 litre drum.

The properties of the substrate such as porosity and profile will influence the coverage rate and number of coats required.

CLEAN UP

Clean tools and equipment thoroughly with clean Xylene.

PACKAGING

20L metal pail

SHELF LIFE

1 year in unopened, factory sealed container. Safely stored at temperatures between 5°C-35°C.

SAFETY PRECAUTIONS

Always wear adequate personal protection during use including gloves, eye protection, overalls and appropriate mask. Apply in adequate ventilation. Refer to Material Safety Data Sheet for further safety information.



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