

FINSEAL GLOW WB



DESCRIPTION

Finseal Glow WB is an advanced formulation water based protective coating for a wide range of trafficable concrete, decorative paving and masonry surfaces.

Finseal Glow WB is an ideal low VOC solution for use on driveways as it is vehicle trafficable and will protect against 'hot tyre' pickup.

This hard-wearing and flexible sealer has strong adhesion properties and resistance to petrol, oil, mould, algae and protects substrates from the ingress of dirt, grime and organic matter. It enhances the appearance and resists deterioration of the treated surface, while being a hazmat free alternative to solvent based sealers.

USES

- Concrete pavements
- External driveways and car parks
- Stamped / patterned concrete
- Washed aggregate
- Coloured concrete
- Pedestrian Walkways
- Precast construction

FEATURES AND BENEFITS

- Easy application
- Fast drying
- Low VOC
- Increased stain resistance
- Prevents surface dusting
- Enhanced concrete appearance
- Resistant to tyre marking
- Same day seal

TYPICAL PROPERTIES

Resin Type	Acrylic NVM 25%
Specific Gravity	1.0kg/L
Viscosity	20-50cps
Film build (recommended)	100um @ 2 coats @ 5m ² /L
Recoat window	24 hours

CURE & SEAL SYSTEM (AS3799 Compliant)

Finseal Glow WB is recommended for use in conjunction with Aardcure WBS curing membrane. Apply Aardcure WBS at 1L/5m² at time of placement followed by Finseal Glow WB as the system topcoat, either on the same day or at the end of project after suitable preparation. This system is AS3799 compliant and provides a solution to construction issues with curing and subsequent coating compatibility.

APPLICATION GUIDELINES

Surface Preparation

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

Freshly laid concrete

After surface finishing the concrete must be free of bleed water and sufficiently set to be firm and able to be walked on without marking or damaging the surface.

New uncured concrete

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 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.

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

Allow surface to dry prior to application of the sealer.

Sealer Application

Apply Finseal Glow WB with a low pressure spray unit, lambswool roller or broom.

Care must be taken not to apply thick coats as excessive build may cause the film to blush when subjected to ponding.

A minimum of 2 coats must be applied as part of the sealing system.

Application Method

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

Apply sealer with low pressure 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:

Apply the second coat in the opposite direction to the first without thinning.

Subsequent coats can be applied when tack free and a recoat window of 24 hours for chemical adhesion without further preparation.

IMPORTANT

Application Conditions

Curing times are dependent on surface and ambient temperatures.

Avoid applying in excessively hot or cold parts of the day as blooming, bubbling or poor film formation will occur.

Do not apply at temperatures less than 10°C or above 30°C

Substrate temperature will also affect successful application as excessively cold or hot substrates will also affect film formation, curing performance and appearance.

If exposed to water or rain within 72 hours after application, some water spotting or blushing may occur. This blushing will dry clear when conditions allow. Sealer shall be resistant to these affects after this period.

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. Substrate surface texture will determine slip resistance outcomes.

CURING TIME

Curing is dependent on the temperature. The sealer is usually touch-dry in approximately 30 minutes at 25°C. Cooler temperatures lead to longer curing times.

ESTIMATING DATA

Coverage is approximately 5m² per litre per coat. Theoretical coverage for a 2 coats application is approx. 50m² per 20 litre drum.

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

VOC COMPLIANCE

Low VOC <50g/L

CLEAN UP

Clean tools and equipment thoroughly with clean water before they dry.

PACKAGING

20L plastic 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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