

EcoCryl WB S.

Spray Applied Waterborne Concrete Sealer.

DESCRIPTION

EcoCryl WB S is a water based, 100% acrylic, self crosslinking, nano-polymer coating designed to be applied to horizontal concrete and masonry surfaces.

FEATURES AND BENEFITS

- Environmentally friendly.
- Water cleanup.
- Non flammable.
- Negligible odour and toxicity.
- Excellent adhesion to masonry and concrete
- Excellent blush resistance.
- Good early water resistance.
- Alkaline and efflorescence resistance.
- Hot tire pick up resistance.

RECOMMENDED SUBSTRATES

- In-situ concrete and masonry.

TYPICAL PROPERTIES

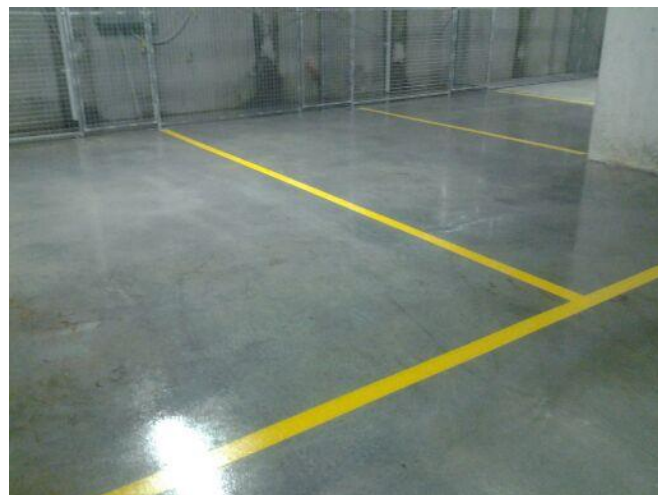
Property	Result
Appearance	Uniform liquid
Colour	Clear (when dry)
Finish	Semi Gloss
Specific Gravity	Approx 1.0 kg/l
Viscosity	Approx 150 cps
Recoat Time	1 hour at 25°C
Full Cure	7 days at 25°C
Weight Solids	25 +/- 1%
Volume Solids	23 +/- 2%
VOC (APAS D181)	97 g/ltr

PACKAGING

EcoCryl WB S is available in 15 litre pails, 200 litre drums and 1000 litre IBC's as standard. Other sizes available on request.

COVERAGE RATES

As a concrete sealer ⇒ 8-10 sqm/litre/coat



APPLICATION DIRECTIONS

Surface Preparation.

All surfaces to be treated must be structurally sound and all previous coatings, adhesives, efflorescence or laitance should be removed by chipping, abrasive blast cleaning, high pressure water washing, mechanical scrubbing or other suitable means.

All surfaces must be cleaned free from dirt, grease, oil or other surface contaminants.

Holes, non-structural cracks and other surface deformities should be repaired using a Third Party product in accordance with the technical data sheets.

Very porous or "boney" concrete may require additional coats of **EcoCryl WB S**. The first coat acting as a primer, penetrating into the pores of the concrete.

Ensure recoat times are adhered to between applications (refer to precautions).

Mixing.

Mixing should be by means of a mechanical forced action mixer with a high shear stirrer.

Avoid trapping air during mixing as this may cause later pin holing in the coating during application.

Placing.

- The coverage rate as specified must be achieved to ensure adequate performance.
- Apply by low pressure spray. Successive coats should be applied at right angles to the previous coat.

CLEAN UP

Wash all equipment in water or water/detergent immediately on completion of application.

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PRECAUTIONS

- Some individuals may experience a skin reaction to **EcoCryl WB S**. Those individuals should wear personal protection equipment. Refer to our Material Safety Data Sheet for more information.
- **EcoCryl WB S** cure rates will be dramatically reduced if relative humidity is above 85%.
- **EcoCryl WB S** may be diluted up to 10% with fresh, clean water on the first coat. Successive coats should not be diluted.
- Do not apply to steel or metal surfaces, as corrosion will occur.
- Do not add cementitious products to **EcoCryl WB S**.
- In enclosed areas, such as water tanks or reservoirs, ventilation should be provided during curing cycle to enable adequate evaporation of the coating.
- Do not apply over any substrates that have been previously treated or coated with curing compounds, PVA concrete bonding agents or acrylic coatings. These areas must be mechanically cleaned by grinding or shot blasting to produce a contamination free surface.

COOL SUBSTRATES AND COOL CLIMATES

EcoCryl WB S curing rates will be dramatically reduced if substrate surface or ambient temperature is below +10°C.

If possible warm the substrate surface area where **EcoCryl WB S** is to be applied by air blower or use a blower after application.

Always provide adequate ventilation during the curing cycle.

STORAGE

EcoCryl WB S should be stored between 10°C and 30°C away from direct sunlight. Shelf life is 12 months in original unopened container. Partly used containers must be sealed tight when not in use.

FIRE

EcoCryl WB S is non-flammable and as such does not pose a fire risk.

WARRANTY

Illawarra Coatings offers a 10-year warranty on **EcoCryl WB S** when applied in accordance with the current Technical Data Sheet, and maintained in accordance with our current maintenance regime. Customers should refer to our full Warranty documentation for further information and conditions. This documentation is available on our website.

DISCLAIMER

The information, and, in particular, the recommendations relating to the application and end-use of Illawarra Coatings' products, are given in good faith based on Illawarra Coatings' current knowledge and experience of the products when properly stored, handled and applied under normal conditions.

It is your responsibility to ensure that our products meet your requirements, are used and handled correctly in accordance with any applicable Australian Standard, our

instructions and recommendations and only used for the applications for which they are intended.

In practice, the differences in materials, substrates and actual site conditions are such that no warranty in respect of merchantability or of fitness for a particular purpose, nor any liability arising out of any legal relationship whatsoever, can be inferred either from this information, or from any written recommendations, or from any other advice offered.

We also reserve the right to update information without prior notice to you to reflect our ongoing research and development.

The supply of our products and services is also subject to certain terms, warranties and exclusions, which may have been disclosed to you in prior dealings or are otherwise available to you on request. You should make yourself familiar with these.