

Hardcoat Sealer

GENERAL PURPOSE

Description:

A ready to use, general purpose, acrylic sealer. *Colourcrete Hardcoat Sealer* revitalises the colour of concrete pigments giving an impression of newly poured concrete. Formulated to protect and enhance the surface of concrete. It provides an extremely hard film not only to protect the substrate from ingress of dirt and grime.

Advantages:

- Ease of application
- Keeps concrete looking new
- Reduces maintenance
- Fast drying

Typical Applications:

- Pigmented Decorative Concrete
- Stencil and Stamped Concrete
- Exposed Aggregate Concrete
- Resurface Concrete

Properties:

- Shelf life: 2 years when stored in cool, dry conditions
- Very good resistance to UV light
- Thinning with Colourcrete Xylene Solvent
- Touch Dry in approx. 30 minutes @ 24°C
- Foot traffic after 24 hours
- Cure Time 5 days at 24°C for vehicular traffic
- Recommended film build approx. 100 microns
- Solids (PBW) 23.0% ± 1%
- VOC (693 gram/L)

Limitations:

- Should not be used as a water proofing membrane
- Should not be used in food preparation areas
- Should not be used if any signs of moisture are evident on or in the concrete
- Should not be used in temperatures below 15°C and above 27°C

Estimating Data / Coverage:

- Application rate: 4-5m² / Litre per coat
- 1 x 20L drum covers 80-100spm. Where two coats are applied, coverage is approx. 40-50 sqm

Surface Preparation:

New Concrete: Fresh concrete should always be treated with *Sameday Sealer* within 48 hours of the pour. If this is not achievable, the concrete should be left to cure for a period of 14-28 days depending on weather conditions. Ensure surface is free from oil and grease. If any loosely bound cement, laitance, or efflorescence is evident, an acid etch is needed at a ratio of a 1-part acid: 15-20 parts water scrub would be necessary before washing (Dilution rate is dependent on density of concrete). Thoroughly wash the surface using auto scrubbing equipment or a commercial water pressure cleaner with a minimum of 3000psi. Colourcrete Hardcoat Sealer should then be applied to the surface. From there it can be resealed with either a *Highgloss or Gold Label Sealer*. *Highgloss and Gold Label Sealer* should never be used as a first coat, this is strictly a finishing sealer. Due to its thickness, delamination will occur if used incorrectly.

Old Concrete: This instance requires you to remove any substances from the surface which will interfere with the adhesion of the sealer which includes paint, algae, oil, grease, mould, etc. Acid etch area at a ratio of 1 part acid: 10-15 parts water (Dilution rate is dependent on the density of concrete). Thoroughly wash the surface using auto scrubbing equipment or a commercial water pressure cleaner with a minimum of

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Application:

Best results are achieved by using a Lamb's woolroller. An airless sprayer can be used but surface penetration and consistency are not as effective. Sameday sealer should always be applied to fresh concrete prior to applying Hardcoat. For concrete not treated with Sameday, 14-28 days curing must be allowed (number of days is dependent of weather condition).

Concrete Finish	Dilution Rate Solvent: Sealer
Stencil and stamped	1 litre: 5 litres
Exposed agg.	1 litre: 5 litres
Resurfaced	None required

Appropriate Surface Texture:

Once concrete has been coated with a sealer, it reduces its slip resistance in that area of application. Therefore, cautions must be taken before any sealers are applied to ensure the surface has a profile capable of adequate traction. We do provide additives to increase the slip resistance in the final coat (the life span of this is only as long as the sealer).

Maintenance Coatings:

The life expectancy of *Hardcoat Concrete Sealer* is subject to which elements it is exposed to; vehicular traffic and the weather are both factors in this. To determine its lifespan in your case, assess the concrete at 12-, 18- and 24- month intervals.

Curing:

Curing time depends on the temperature. The sealer is usually touch dry in approx. 30 mins @ 24°. The concrete can usually be walked on after 24 hours. Allow 5 days before parking a vehicle on the coating.

Clean-up:

Wash all equipment with *Colourcrete Xylene Solvent* and allow drying. Roller frame and cover can be kept in a sealed drum for use the next time. Do not make any contact.

Appearance:

Clear liquid with pungent smell.

Storage:

Store in a bunded area or an approved flammable liquids package. Store away from direct heat. For further information contact us for a MSDS or scan the QR code to be directed to our website.

Packaging:

Drum Pail – 20 Litre
Weight: 18KG



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Safety Precautions and First Aid:

READ LABEL BEFORE USE. Obtain special instructions before use. Keep away from heat/sparks/open flames/hot surfaces. No smoking. Keep container tightly closed. Do not breathe dust/fume/gas/mist/vapours/spray. Wash skin thoroughly after handling. Wear protective gloves/protective clothing/eye protection/face protection. IF SWALLOWED: Immediately call a POISON CENTER or doctor/physician.

IF ON SKIN: (or hair): Remove/Take off immediately all contaminated clothing. Rinse skin with water/shower.

IF INHALED: Call a POSION CENTER or doctor/physician if you feel unwell. Remove victim to fresh air and keep at rest in a position comfortable for breathing. Do NOT induce vomiting. Get medical advice/attention if you feel unwell.

IN CASE OF FIRE: Use dry sand, dry chemical, or alcohol-resistant foam for extinction.

CALL A POSION CENTRE: Australia 13 11 26, New Zealand 0800 764 766, or doctor/physician if you feel unwell.

STORAGE: Store in a well-ventilated place. Store away from heat and ignition sources.

DISPOSAL: Dispose of contents/empty container according to regional regulations. Do not empty into drains.

CONTAINS: Xylene 30-60%; solvent naphtha, light aromatic 10-25%; ethylbenzene 10-20%.

Please Note:

The information given in this data sheet is based on our current knowledge of the product when properly stored, handled, and applied. We cannot guarantee that the product will be suitable, effective, or safe when used for any other purpose other than its stated uses. To the extent that is lawful, we exclude warranties implied by law and limit our liability to the cost of replacing the product. We accept no responsibility for loss or injury caused by improper use, inadequate preparation, inexperienced or negligent application, or ordinary wear and tear. Service or advice given by our staff should not amount to responsibility for the project – since the owner or their contractor (not the supplier) is responsible for procedures relating to the application of the product. This product is supplied by Oriem Pty Ltd.

