

# Colourseal Base

## COLOURSEALER APPLICATION PART A

### Description:

A two-part mixture, tintable, acrylic sealer. Colourseal Base Part A is a formulated Sealer which can be mixed with any of our part B colour ranges to provide a protective-coloured coating to re-colour or refresh most exterior concrete surfaces.

### 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 temperature below 15°C and above 27°C
- Surface slopes greater than 1:7 (1 high and 7 long) are not recommended for coating, even with the addition of SRA (Slip Reducing Additive)
- Do not use untinted
- Do not seal in high winds or if rain is likely

### Estimating Data / Coverage:

- Application rate: 4-5 m<sup>2</sup> / Litre per coat
- 1 x 20L drum covers 80-100 m<sup>2</sup>. Where two coats are applied, coverage is approx. 40-50 m<sup>2</sup>.

### Surface Preparation:

**New Concrete:** Fresh concrete should always be treated with Colourcrete 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. It is not common for Colourcrete Colourseal system to be applied to new concrete, where it is used on new concrete curing times and dilution rates must be achieved. Due to its thickness, delamination will occur if used incorrectly. The concrete must be porous for the sealer to achieve its adhesive strength.

**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 3000psi. Dilution rates must always be achieved as due to its thickness, delamination will occur if used incorrectly. The concrete must be porous for the sealer to achieve its adhesive strength.

### Application:

Add Colourcrete Part B, 1 Litre Tint to Colourcrete Part A, 18 Litre Colourseal Base. Mix thoroughly with paddle for 3 minutes. Sealer must be mixed regularly during 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. Colourcrete Sameday sealer should always be applied to fresh concrete prior to applying Colourcrete Colourseal system. For concrete not treated with Colourcrete 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 once the sealer has been applied. 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 *Colourcrete Colourseal Sealer System* 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 with skin.

### 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 – 18 Litre
- Weight – 16.2 KG

### Safety Precautions and First Aid:

READ LABEL BEFORE USE. Highly flammable liquid and vapour. May be fatal if swallowed and enters airways. Causes skin irritation. Causes serious eye irritation. Harmful if inhaled. May cause respiratory irritation. May cause drowsiness or dizziness. May cause damage to organs through prolonged or repeated exposure (central nervous system, kidneys, liver).



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Suspected of causing cancer, causes damage to organs (lungs). May cause an allergic skin reaction. May cause genetic defects. 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 POISON 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 to for extinction.

CALL A POISON 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: Solvent naphtha, light aromatic 30-60%; xylene 10-30%; ethylbenzene <10%; bis (1,2,2,6,6-pentamethyl-4-piperidyl) sebacate <10%; methyl 1,2,2,6,6-pentamethyl-4-piperidyl sebacate <10%.

### 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.

