

Premium Roof and Concrete Coatings

TECHNICAL DATA SHEET

CONCRESHIELD

DESCRIPTION: CONCRESHIELD is a heavy-duty, high build solvent-based sealer for concrete. It is extremely hard and durable making it ideal for driveways, carpark and factory floors. Available in 4Lt, 15Lt and 20Lt, in a wide range of popular colours and clear. Use with Shieldcoat's Anti-Slip for a P4 rating.

RECOMMENDED USE: As a clear or coloured finish for new or previously sealed concrete surfaces including broom finished, stamped, stencil and helicoptered concrete slabs.

APPLICATION PROCESS: Surface must be clean, sound and dry before proceeding! Ensure new Concrete has 28 days curing prior to coating. Ensure moisture content is less than 6% at time of application. Ensure surface is not subject to hydrostatic pressure. Shieldcoat recommends testing adhesion on a small section prior to coating the entire area. Weather conditions must be considered and deemed suitable before proceeding. High temperatures could cause blistering, high humidity will affect drying and recoat times.

REPAIR: All cracks and imperfections with Shieldcoat's Slab Repair as per instructions.

Optional: Grinding to ensure an even paintable surface is always the preferred preparation. Applying Shieldcoat's Mouldshield C as per instructions will remove oil stains and contaminants.

PRESSURE WASH: using a high-pressure cleaner at a minimum 3000psi. Allow concrete surface at least 24 hours to dry.

TEST: Apply a small amount of Concreshield by brush in multiple inconspicuous areas to ensure no adverse reaction with previous finishes or other contamination.

PRIME: Apply Shieldseal X as a primer when painting smooth concrete in garages or factories – alternatively thin the 1st coat of Concreshield 20-50% with Xylene.

FINISH: Apply CONCRESHIELD as per instructions below.

ANTI-SLIP FINISH: SHIELDCOAT ANTI-SLIP BEADS can be added to CONCRESHIELD as per instructions to reduce the risk of slipping.

TYPICAL PROPERTIES:

Colours: Clear or Colour Finish

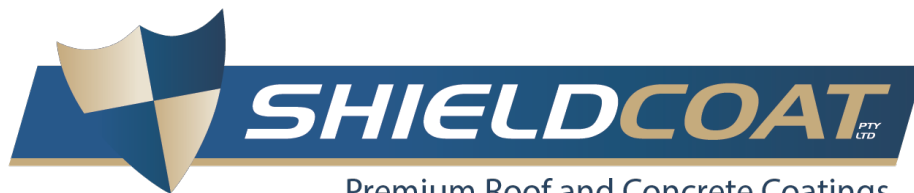
Semi-Gloss or Low Sheen

Sizes: 4, 15, 20Lt

Solids: 45% Coloured - 24% Clear

Theoretical spreading rate: 5m²/Lt

Application surface temperature: 10°C to 28°C



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Touch Dry: 30 mins*

Recoat: 2 hours*

Foot Traffic: 6 Hours*

Vehicle Traffic: 7 Days*

Full Cure: 10-14 days*

Shelf life: 24 Months

*All figures are quoted at 25° Celsius and 50% Relative Humidity

APPLICATION DETAILS / GUIDE

Application method: Roller / Brush / Airless Spray. A lamb's wool, foam or microfiber cover are all ok to use, however only the Lamb's wool roller can be cleaned a re-used.

Airless Tip Size: 527

Thinner: Xylene Thinners

Clean up: Xylene Thinners

Wet film thickness (WFT): 200 microns

Dry film thickness (DFT): 90microns (Colours) 48 microns (Clear)

Coats Required: 2 in most cases.

HEALTH AND SAFETY

Contact Poisons Information Center on Phone: 13 11 26 or a doctor.

Ingestion: Do not induce vomiting. Give water to drink. Seek medical assistance.

Eye Contact: Flush eyes using eye baths until irritation subsides. Seek medical assistance.

Inhalation: Remove to fresh air. Seek medical assistance

Skin Contact: Wash thoroughly with soap and water. Launder clothing before reuse. Seek medical assistance if irritations persist.

Medical attention: Treat symptomatically.

First Aid Facilities: Eye Baths, safety showers.

RECOMMENDATIONS AND PRECAUTIONS

CAUTION: Coated surfaces can be slippery! Shieldcoat recommends adding Anti-slip wax beads as per instructions. Ensure that appropriate workplace health and safety methods and PPE are used when working with this product. Ensure adequate ventilation when using this product. Ensure that this product is applied in full accordance with Shieldcoat recommendations. Care and Maintenance: Protect the coating from abrasive contact for 10 days. Wash down periodically with a mild detergent solution to refresh and preserve the coating.

MSDS: Available on request or download from the Shieldcoat website. www.shieldcoat.com.au

DISCLAIMER: Shieldcoat advises that the applicator of this product is responsible to determine and verify its suitability for the intended use prior to application. The data and recommendations contained within this document were true and accurate at the time of writing.