



TECHNICAL DATA SHEET

SHIELDCOAT SHIELDSEAL X

DESCRIPTION: SHIELDSEAL X is a 2 in 1 Solvent based acrylic Clear Primer / Re-sealer.

RECOMMENDED USE: As a clear penetrating primer under **CONCRESHIELD X** or **CONCRESHIELD X 2 Pac** or as a clear re-sealing finish on previously sealed masonry surfaces including pavers and stamped, stenciled or plain concrete.

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 recommended surface preparation is crucial and is the responsibility of the Builder/Contractor/Applicator. Weather conditions must be considered and deemed suitable before proceeding. High humidity will affect drying and recoat times. **REPAIR:** All cracks and imperfections with SLAB REPAIR as per instructions. **CLEAN:** Apply MOULDSHIELD 'C' as per instructions. **PRESSURE WASH:** The surface must be thoroughly cleaned using a high pressure cleaner at a minimum 3000psi. Allow concrete surface at least 24 hours to dry thoroughly. **TEST:** Apply a small amount of SHIELDSEAL X by brush in multiple inconspicuous areas to ensure no adverse reaction with previous finishes or other contamination.

PRIME / RE-SEAL:

Apply SHIELDSEAL X as per instructions below as a primer or re-sealing finish.

OPTIONAL FINISH: Apply one coat CONCRESHIELD X or CONCRESHIELD X 2 Pac.

TYPICAL PROPERTIES:

Colours: Clear

Finish: Gloss

Sizes: 4, 15, 20Lts

Volume solids: 12%

Theoretical spreading rate: 5m² / Ltr

Application surface temperature: 10°C to 40°C

Touch Dry: 1 Hour*

Recoat: 6 hours *

Foot Traffic: 3 Hours

Vehicle Traffic: 5 Days*

Full Cure: 10-14 days*

Shelf life: 24 Month

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



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APPLICATION DETAILS / GUIDE

Application method: Airless spray / Brush / Lambs Wool Roller / Soft Bristle Broom (solvent safe)

Airless Tip Size: 519

Thinner: Not recommended (use Xylene Thinners sparingly)

Clean up: Xylene Thinners

Indicated film thickness, wet: 200 microns (WFT)

Indicated film thickness, dry: 24 microns (DFT)

Coats Required: 1 (Minimum)

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 floor 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.