



Premium Roof and Concrete Coatings

## TECHNICAL DATA SHEET

# SLAB REPAIR

**DESCRIPTION:** SHEILD COAT SLAB REPAIR is an acrylic crack repair compound designed to fill cracks in concrete driveways, floors and other masonry surfaces while remaining flexible enough to withstand slight substrate movement. Supplied in a natural concrete coloured, trowelable finish.

**RECOMMENDED USE:** Filling cracks in concrete driveways, floors and other masonry surfaces prior to applying STENCILSHIELD, FLOORSHIELD or CONCRESHIELD X.

**APPLICATION PROCESS:** 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. 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.

**GRIND:** Using an 8mm V shaped crack chasing blade grind the cracks to a depth of at least 8-10mm. **CLEAN:** Ensure the area is clean, sound and dry before proceeding. **FILL:** Using a trowel or spatula, fill the cracks with SLAB REPAIR. Feather and smooth the compound using a foam rubber block. When totally dry (usually 24 hours) finish with STENCILSHIELD, FLOORSHIELD or CONCRESHIELD as per instructions.

Cement powder can be added to compound at a ratio of 25:1(1ltr SLAB REPAIR: 25mls Cement Powder) to improve the strength and drying time in larger/deeper crevices.

### TYPICAL PROPERTIES:

Colours: Grey

Finish: Smooth fine texture

Sizes: 1, 4 Ltr

Theoretical spreading rate: Various

Application surface temperature: 10°C to 40°C

Working Time: 10-20 minutes\*

Water Resistant: 2-3 hours\*

Hard Dry: 4-5 days\*

Shelf life: 24 months

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



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### APPLICATION DETAILS / GUIDE

Application method: Steel Trowel or Spatula

Cleaning of tools: Water

Indicated film thickness, wet: 5-10mm (WFT)

Indicated film thickness, dry: 5-10mm (DFT)

### 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

Ensure that appropriate workplace health and safety methods and PPE are used when working with this product.

Do not use if temperature is below 10°C or above 40°C

Avoid using in high humidity.

Do not use if rain is imminent within two hours

Never add water to restore trowelling ability. To "wet up" agitate with a trowel.

Ensure adequate ventilation when using this product.

Ensure that this product is applied in full accordance with Shieldcoat recommendations.

**MSDS:** Available on request or download from the Shieldcoat website. [www.shieldcoat.com.au](http://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.