



High Performance Paint and Coating Systems

## TECHNICAL DATA SHEET

### SHIELDSEAL AES

**DESCRIPTION:** SHIELDSEAL AES is an Ultra Premium quick drying water based acrylic Sealer/Primer.

**RECOMMENDED USE:** Formulated to penetrate, prime and seal making it perfect for locking down loose fibres in Asbestos roofs. Its fine particle size gives it enhanced adhesion on Metal roofs including COLORBOND® and plain Zinalume in preparation for the THERMOBOND or ROOFBOND PREMIUM coating systems.

**APPLICATION PROCESS:** Refer to topcoat data sheet. 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.

#### **APPLICATION DETAILS / GUIDE:**

**Application method:** Airless spray / Brush / Roller

**Thinner:** Not recommended (use Shieldcoat Hot Weather Additive sparingly)

**Airless Tip Size:** 517

**Clean up:** Water

**Indicated film thickness:** asbestos wet: 200 microns (WFT), Metal 100 microns(WFT)

**Indicated film thickness:** asbestos dry: 50microns (DFT), Metal 25 microns (DFT)

**Coats Required:** 1 (Minimum)



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#### TYPICAL PROPERTIES:

**Colour:** Milky pink liquid

**Finish:** Dries clear

**Size:** 15 Ltr

**Volume solids:** 25%

**Theoretical spreading rate:** Asbestos Roof 5m<sup>2</sup> / Litre. Metal Roof (including COLORBOND®) 10m<sup>2</sup> / Litre

**Application surface temperature:** 10°C to 40°C

**Touch Dry:** 30 minutes\*

**Recoat:** 2 hours \*

**Full Cure:** 10-14 days\*

**Drinking Water Safe:** After 10 days\* curing and initial rinse (rain or garden hose pressure).

**Shelf life:** 24 Month

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

#### HEALTH AND SAFETY:

**Contact The Poisons Information Center on Phone: 0800 764 766 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.



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### RECOMMENDATIONS AND PRECAUTIONS:

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

**Ventilation:** Ensure adequate ventilation when using this product.

**Drinking water:** When drinking water collection systems are in place, Shieldcoat recommends disconnecting the system prior to commencing work, then allowing 10 days of curing and a thorough fresh water rinse (rain or garden hose pressure) before reconnecting the system. 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.co.nz](http://www.shieldcoat.co.nz)

**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.