

### DESCRIPTION

**Texture Coat AC90™** is an Australian Certified Anti-Slip Coating which provides a protective, decorative finish on interior or exterior concrete, wood, aluminium, or steel surfaces. This durable anti-slip coating is engineered for excellent adhesion, UV stable, weather & mildew resistant for domestic and light commercial areas to prevent slip accidents. Texture Coat AC90™ unique formula provides excellent coverage over coated or new surfaces. This product is odourless and is easy to apply, clean, and maintain.

### FEATURES & ADVANTAGES

- Available in 20 Colours
- Anti-Slip Certification AS4586 – 2013
- Improves safety & potential slip hazards
- Excellent adhesion/inter-coat adhesion
- Good abrasion resistance
- High durability
- Excellent water & partially chemical resistance
- Retards growth of mould, fungus, mildew, and bacteria
- Will fill hairline cracks in concrete
- Easy to apply, clean & maintain

### RECOMMENDED USE

- Step Treads
- Decking
- Footpaths
- Ramps, Stairs, & Walkways
- Pontoons & Jetties
- Patio Areas
- Balconies
- Sloped Concrete Floors
- BBQ Areas
- Entry Foyers
- Anti-Slip Line Marking
- Safety Coloured Walkways & more...

### TECHNICAL DATA & CHARACTERISTICS

APPEARANCE	Viscous Liquid
COLOUR	Coloured
VOLUME SOLIDS	64 %
FINISH	Low Sheen
COVERAGE	6m <sup>2</sup> /L per Coat, minimum 2 coats recommended
MIX RATIO	Not Applicable – Single Pack
PACK SIZES	10L Drum
SPECIFIC GRAVITY	1.50 – 1.90 kg/L
POT LIFE	Not Applicable
DRYING TIME	2 – 4 hours @ 25°C
RECOAT TIME	4 – 24 hours @ 25°C
FULL CURE	7 days @ 25°C
SHELF LIFE	12 months, if properly stored in original and unopened containers at temperatures between 10° C and 30°C, out of direct sunlight.

\* The pot lifetime depends on climatic conditions and temperatures.

\*\* Drying times generally depend on air circulation, temperature, film thickness, and application methods. The figures given above are typical with good ventilation, typical film thickness, and single coat application.

**SURFACE PREPARATION**

All surface preparations must be carried out to Australian Standard or International Standard. New concrete must be cured for a minimum of 28 days before coating.

Concrete moisture test should be carried out prior to coating application, as per Standard ASTM4263 and/-or International Standards. The moisture content should be less than 4%.

Surface to be treated must be structurally sound and the substrate compressive strength should be at least 25MPa. The substrate tensile strength should be at least 1.5N/mm<sup>2</sup>. All non-structural cracks, holes, and surface deformities should be repaired.

In general, the surface to be treated **MUST** be clean and free of all traces of loose material, dirt, debris, mildew, oil, grease, old coatings, curing compounds, release agents, laitance, dust, and other contaminants.

All new or old concrete surfaces should be prepared by mechanical grinding, abrasive blasting, blast-tracking, or any other suitable preparation/cleaning methods. Surface profile should exceed CSP 3 after preparation. Check if all traces of oil and other contaminations has been completely removed prior coating application.

For more detailed information, see following standard codes of practice, guides, and techniques:

ASTM D4258 Standard practice for surface cleaning concrete for coating

ASTM D4259 Practice for abrading concrete

ASTM D4260 Practice for liquid and gelled acid etching of concrete

ASTM D4262 Test method for pH of chemically cleaned or etched concrete surfaces

ASTM D4263 Test method indicating moisture in concrete by the plastic sheet method

ASTM D4285 Test method for indicating oil or water compresses air

**Timber, Aluminium, Steel or Pre-Painted Surfaces:** In general, the surface to be treated **MUST** be clean and free of all traces of loose material, rust, dirt, debris, mildew, oil, grease, flaking old coatings, curing compounds, release agents, dust, and other contaminants.

All new or old surfaces should be prepared by mechanical sanding with 60 grit sandpaper, abrasive blasting, or any other suitable preparation/cleaning methods.

Check if all traces of oil and other contaminations has been completely removed prior coating application.

**Timber:** Prime all timber surfaces with a premium timber primer.

**Aluminium:** Prime all aluminium surfaces with a premium aluminium primer.

**Steel:** Prime all steel surfaces with a premium metal primer.

**APPLICATION & GUIDELINES****Mixing**

First thoroughly stir the Texture Coat AC90™ base to redistribute the pigment. Use a mechanical mixer to ensure thorough mixing. Mix thoroughly and check colour and gloss level before application. If your project requires multiple kits, please box the kits together for colour consistency. The applicator/customer is responsible for applying the correct colour.

**Application**

Apply first coat at 6m<sup>2</sup>/L.

Apply second coat at 6m<sup>2</sup>/L.

When applying Texture Coat AC90™, keep container in a cool shade area away from direct sunlight, close lid back up to avoid contamination getting in the container, and to avoid product from drying out.

If you use a tray, you can put unused material back into the original container as long as it is not tagging off yet and getting dry.

Two coats as minimum recommended. Use a lint free epoxy roller to apply the product, and a minimum 10mm nap. The second coat must be applied within 24 hours of the application of the first coat to ensure the second coat will bite into the first coat. If 24 hours has been exceeded, the first coat must be sanded back again prior to application of the second coat to ensure a sound adhesion between coats. Different gloss finish can be achieved with Concrete Sealer AC30™ as clear a topcoat on Texture Coat AC90™.

**Curing Times**

Touch Dry: 2-4 hours, Re-coat Time: 4-24 hours, Full Cure: 7 days.

Allow coating to cure for at least 24 hours before subjecting to light pedestrian traffic. Allow at least 7 days for full cure to allow access to vehicular traffic. All drying times depend on film thickness, ventilation, temperature, humidity, and application methods.

All curing times mentioned in this TDS are based on temperatures of 25°C. Lower temperatures will extend curing times. If the temperature in your region is 12.5°C, all curing times will double e.g., full cure will be approximately 14 days or longer. DCC does not recommend the application when temperatures are below 10°C or when the surface temperature exceeds 30°C.

**Cleaning**

Clean all equipment immediately after use with water.

**Coating Maintenance**

In general dirt, dust, contaminants, and excessive wear and tear will shorten the life of coating. Keep these areas clean and free from such pollutants and avoid excessive wear and tear. Clean coating regularly with warm mild detergent water up to 60°C and rinse with clean water. Do not use abrasive brushes, scouring pads or solvent to clean the coated surface. It is advisable if abnormal wear and tear will occur through moving furniture such as chairs or heavy objects, keep these areas protected with avoiding dragging them across the surface. Further to the above cleaning recommendations please ensure immediate cleaning of any spills. Refer to DCC Maintenance & Cleaning Guide for detailed information.

**Compatibility & Suitability**

Do NOT mix this product or use this product in combination with any other products or brands. Due to the differences in substrates, material and site conditions, and environmental surrounds, the applicator holds whole responsibility for checking the products suitability for its intended purpose prior application. Only products of the same brand/system should be used in combination as a system.

**PRECAUTIONS**

For professional use only. Safety Data Sheets and Technical Data Sheets must be read before using and opening this product. Keep out of reach of children. Always wear personal protective equipment (PPE) when handling this product. Keep away from heat and flame. No smoking. Provide adequate ventilation. For more details refer to safety data sheet (SDS).

Do not apply if the air or surface temperature is below 10°C, or if the temperatures are subject to drop below 10°C during applying, or after application within the curing time.

Product will discolour on exterior exposure.

Do not apply if substrate is subject to hydrostatic pressure or rising dampness.

Do not apply if surface is subjected to unusual high temperatures above ambient temperature.

Do not apply if the surface temperature is over 30°C, or if the surface temperature is subject to raise above 30°C during applying, or after application within the curing time, or if relative humidity is suspected to become above 85%.

Do not apply if substrate is subject to rain or moisture and protect the surface for at least 24 hours against any water impact, or moisture after application within the curing time. Do not use any product past its pot life. Store locked up, in a cool, dry, well-ventilated place, away from sunlight, between 10°C and 30°C. Keep container tightly closed.

**DISCLAIMER**

Do not apply this product if there is uncertainty about application or surface preparation. This Technical Data Sheet is to be used as a guide only; it is NOT a specification. Durable Concrete Coatings Pty Ltd has no control over the use or storage of this product and therefore does not accept liability in this regard. Any verbal advice given should not be regarded as authoritative information. This information is subject to change without notice; therefore, all applicators should ensure they have current information. This product is intended for the use only of skilled tradespersons and where applicable, statutory licensed tradespersons experienced and trained in the use of this product. Due to differences in substrates, application methods and local conditions purchasers of these products must ensure that it is suitable for their specific application before using these products. While the information contained in the TDS and SDS is accurate to the best of our knowledge, Durable Concrete Coatings Pty Ltd cannot guarantee that the information contained is wholly comprehensive. Subject to the provisions of the Trade Practices Act, the Company's liability in relation to defective product shall be limited to replacement of the product, proving the product to be defective. Durable Concrete Coatings Pty Ltd all terms and conditions apply.

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