

CCM Weatherite

Technical Data Sheet

Version 1.0

1. Product Description

CCM Weatherite is a self-priming, premium exterior water-based acrylic coating formulated on 100% pure acrylic resin. It provides a tough, flexible, highly weather-resistant finish suitable for New Zealand's harsh climate. Weatherite incorporates advanced gradient-morphology technology to reduce grain cracking on timber while delivering excellent abrasion resistance and full washability.

2. Recommended Use

- Exterior timber, masonry, fibre-cement, and previously painted surfaces
 - Exterior cladding, weatherboards, soffits, fences, and trim
 - Roof coating applications
 - Potable-water-safe applications (once fully cured)
 - Areas requiring long-term UV, moisture, and weather protection
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3. Key Features and Benefits

- Excellent adhesion to timber, masonry, old paint, and primers
 - Flexible film resists cracking and peeling
 - Fully washable, abrasion-resistant finish
 - Self-priming on most sound exterior surfaces
 - 100% pure acrylic for long-term colour and sheen retention
 - Resistant to mould and mildew growth
 - Made and developed in New Zealand for local climate durability
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4. Safety and Handling

Read all labels before use and follow normal safety procedures.

Refer to the Safety Data Sheet (SDS) for:

- Personal protective equipment
 - Ventilation requirements
 - Spill and disposal instructions
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5. Product Information

Resin Type: Pure Acrylic

Solvent: Water

Colour: White and full range of tinted colours

Finish: Low Sheen, Semi-Gloss, Gloss

Drying Time @ 18 °C: 1 hour

Recoat Time: 2 hours

Recommended Dry Film Thickness: 75 µm minimum

Number of Coats: 3

Theoretical Coverage: 16 m² per litre per coat

Primer Needed: Recommended for most substrates

Thinning & Cleaning: Thin as required; water clean-up

6. Surface Preparation

All preparation and painting must follow AS2311: *The Painting of Buildings*.

- Ensure surfaces are clean, dry, and free of dust.
- Wash pre-painted surfaces with Sugar Soap.
- Sand and prime old enamels and varnishes with CCM All Prime or suitable stain-blocking primer.
- Treat mould and fungus with CCM House Wash.
- Water blasting is recommended for heavily soiled areas prior to sanding.

Substrate-specific preparation:

- **Sound aged paint:** Lightly sand and prime with CCM All Prime.
- **Unpainted fibre-cement or plaster:** Use CCM Lime Lock or CCM Sealer.
- **New timber:** Use CCM Alkyd Wood Primer Undercoat, CCM All Prime, or CCM All Purpose Exterior Primer.
- **Galvanised iron:** Use CCM Zinc Primer, All Prime, or Anti-Corrosive Primer (Alkyd).

Although Weatherite has excellent adhesion, a suitable primer is recommended for optimal performance.

7. Application Details

Weatherite may be applied by brush, roller, speed brush, or spray.

- Thinning with water is recommended **only** for spray application.
 - Apply evenly and avoid overspreading to maintain correct film build.
 - Ensure downpipes are disconnected when painting potable-water collection areas and reconnect after first rainfall.
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8. Application Conditions

- Do not apply when temperature is below, or expected to fall below, 10 °C.
 - Maintain adequate ventilation during application and curing.
 - Follow substrate-specific primer recommendations for deteriorated surfaces.
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9. Drying and Recoating

Touch Dry @ 18 °C: 1 hour

Recoat: 2 hours

Drying may be slower in cool or humid conditions.

10. Performance Summary

- Excellent adhesion on a wide range of substrates
- Flexible and durable long-life exterior coating
- UV, moisture, and weather-resistant
- Washable and easy to maintain
- Suitable for roof use and potable-water applications once cured

Limitations:

- Not suitable for application below 10 °C
 - Primer required on deteriorating surfaces
 - Disconnect downpipes when collecting potable water
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11. Storage and Shelf Life

Store in a cool, dry area away from direct sunlight.
Keep containers sealed when not in use.

Shelf life: 24 months when properly stored.

12. Environmental Information

- Water-based formulation
 - Low odour
 - Dispose of unused product and empty containers in accordance with local regulations
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13. Disclaimer

The information provided is based on current knowledge and practical experience. No warranty is expressed or implied regarding suitability for specific applications. Users must confirm the product's suitability before use.
