

CCM Aotea Roof Paint

Technical Data Sheet (TDS)

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Product Description

CCM Aotea Roof Paint is a high performance finish coat based on specially modified acrylic emulsions. Although formulated as the final colour coat for the **CCM Aotea Roof System**, its unique properties guarantee excellent performance on all properly prepared exterior surfaces.

Special additives incorporated in CCM Aotea Roof Paint are designed for:

- Maximum **UV resistance**
- **Waterproofing**
- Excellent **gloss retention**

Physical Properties

Property

Specification

Resin Type	Modified Acrylic
Solvent	Water
Colour	Wide range of standard roof colours – tintable
Finish	Available in Gloss, Semi-Gloss and Matt
Drying Time	2 hours @ 18°C
Recoat Time	3 hours @ 18°C
Dry Film Thickness	65 µ minimum per coat
Number of Coats	1 Primer + 2 Finish Coats
Spread Rate / Coverage	10–12 m ² per litre per coat
Primer Required	Yes depending on substrate and paint system
Thinning & Cleaning	Should not require thinning – water clean up

Performance

- Excellent adhesion, flexibility, water resistance and UV resistance.
 - May be used for **potable water collection**.
 - Very good **mould resistance**.
 - No primer required on some surfaces.
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Limitations

- Do not apply when temperature is **below 10°C** or **above 40°C**.
 - New coated and uncoated roofing iron should weather for **at least 1 month** before coating.
 - **Downpipes must be disconnected** until after the first rainfall.
 - Unsuitable for areas subject to **ponding water**.
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Substrate Preparation

Ensure all surfaces are **clean and dust free**.

If mould or fungus is present, use **CCM Roof Wash**.

Recommended preparation method:

1. Water blast surface.
2. Wash down with clean water (if using concentrate moss and mould killer).

Substrate Guidelines

- CCM Aotea Roof Paint may be applied directly to **suitably primed metal substrates** that are in good condition and **sound cementitious surfaces**.

- For **lightly rusted metal roofs**, contact **Paint Tech Supplies Ltd** for technical advice.
 - **CCM Aotea Anti Corrosive Zinc Prime** may be used followed by **2 top coats**.
- When painting **clay or concrete tiles**:
 - Prime with **CCM Key Coat**
 - Apply **CCM Base Coat**
 - Follow with **2 coats CCM Roof Paint**

Note:

Although CCM Roof Paint can be applied directly to some surfaces, **best long-term protection is achieved using a 3-coat system.**

- All sound pre-painted surfaces:
 - 1 coat **CCM High Adhesion Zinc Prime**
 - 2 coats **finish coat**
 - For clay and concrete tiles: follow system above.
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Application

CCM Aotea Roof Paint may be applied by:

- Spray
 - Brush
 - Speed brush
 - Roller
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For Best Results

1. Use **airless spray tip size 0.013"–0.015"** at **1500–2000 psi**.
 2. To achieve even film builds, apply using the **cross-hatch spray method**.
 3. On porous concrete tiles use **Eco Tech Key Coat Sealer** for the first coat.
 4. Do **not exceed recommended wet film thickness**.
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Substrate Maintenance

When the **CCM Aotea Roof System** has been applied at the specified film thickness and with the correct primers, proper maintenance is required to validate the **10-year guarantee**.

The fully cured coating system should be:

- **Chem washed every 2.5 years**
- Using an appropriate **moss and mould treatment**

This maintenance schedule should be followed for the full duration of the guarantee.