

Technical Data Sheet (TDS)

Product: CCM Dairy Floor

Manufacturer: Commercial Coating Manufacturers

Version: 1.0

Issue Date: 25/07/2025

1. Product Description

CCM Dairy Floor is a solvent-based protective coating designed for prepared concrete surfaces in dairy shed environments. It provides a durable, hard-wearing finish suitable for agricultural flooring subject to regular washdown and livestock traffic.

2. Recommended Uses

- Dairy shed floors
- Prepared concrete substrates
- Agricultural flooring systems

Limitations

Not suitable for:

- Interior decorative applications
 - Roof surfaces
 - Areas exposed to prolonged direct UV radiation
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3. Surface Preparation

- Concrete must be clean, dry, and free of contaminants including oil, grease, laitance, and organic matter
 - New concrete must be cured for a minimum of **28 days**
 - Surface should be mechanically prepared (e.g. grinding or abrasive methods) to achieve a suitable profile for coating adhesion
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4. Application

Mixing

- Stir thoroughly before and during use

Application Methods

- Brush
- Roller
- Spray

Thinning

- Thin with a suitable manufacturer-approved thinner if required
- **Maximum dilution: up to 15% by volume**

Film Thickness

- **Recommended dry film thickness (DFT): 150 microns per coat**

Coating System

- Minimum **two coats** recommended
 - Apply additional coats as required to achieve coverage and durability
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5. Drying Times (Typical @ 20°C)

- **Touch dry: approximately 1 hour (temperature dependent)**
- Recoat: minimum 16 hours

Drying times will vary with temperature, humidity, film thickness, and ventilation.

6. Application Conditions

- Do not apply when:
 - Surface is damp or contaminated
 - Rain or condensation is expected
 - Relative humidity exceeds 85%
- Avoid application in extreme heat, direct sunlight, or strong wind

7. Coverage

- Typical coverage: **8–14 m²/L per coat**
- Actual coverage will depend on surface porosity and application method

8. Storage

- Store between **5°C – 25°C**
- Keep containers tightly sealed
- Protect from direct sunlight and extreme temperatures

9. Transport Information

- UN Number: 1263
- Proper Shipping Name: Paint
- Class: 3
- Packing Group: III

10. Disposal

- Dispose of in accordance with local regulations
- Do not discharge into drains or waterways

11. Manufacturer Details

Commercial Coating Manufacturers
9 Bay Park Place, Birkdale, Auckland 0626
Phone: (09) 483-4833
Website: <https://ccmcoatings.com/>