

Crown Ceiling Flat

interior – waterborne

Technical Data Sheet C05 5-25

This data sheet replaces
all previous issues

Crown Ceiling Flat is a waterborne flat finish designed for use on the ceilings on living rooms, bedrooms and dining rooms where a flat finish is required.

Typical uses

- Sealed fibrous plaster
- Sealed plasterboard
- Repaints

Performance

1. Acid and alkali resistant. Inhibits mould growth.
2. Flow and build properties mean that one coat is often sufficient to achieve complete hiding.

Limitations

1. Do not apply at temperatures below 10°C or when it is liable to drop below 10°C during the drying period.
2. Will not penetrate chalky or powdery surfaces.
3. Do not use in wet areas, such as bathrooms, kitchens and laundries.
4. Ensure the correct sealer - solventborne Resene Sureseal (see [Data Sheet D42](#)) - is used for bare fibrous plaster.

Physical properties

Vehicle type	Co-polymer
Pigmentation	Titanium dioxide
Solvent	Water
Finish	Flat
Colour	White and selected Resene Total Colour System, including BS5252, Multi-Finish, Whites & Neutrals and The Range colours tinted off white View Resene colour charts online or the online Resene colour library
Abrasion resistance	Good
Chemical resistance	Good
Heat resistance	Fair - Thermoplastic
Solvent resistance	Fair
Durability	Good

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In Australia
www.resene.com.au
Call 1800 738 383
or email advice@resene.com.au

Resene
the paint the professionals use

In New Zealand
www.resene.co.nz
Call 0800 RESENE (737 363)
or email advice@resene.co.nz

Surface preparation

All surfaces

Clean the surface thoroughly to remove all dirt, dust and loose material. Ensure the surface is free from oil, grease and mould. If moss and mould are present, treat with Resene Moss & Mould Killer (see [Data Sheet D80](#)). Remove nicotine with Resene Heavy Duty Paint Prep and Oil Remover (see [Data Sheet D816](#)).

Sand old glossy surfaces to provide a key for subsequent coats. Remove sanding dust. Seal bare substrates as required.

Refer to Resene Surface Information Preparation Data Sheets (SIPDS), available online at www.resene.com/datasheets, for full substrate specific surface preparation information.

*All sanding dusts can be harmful. Always wear appropriate protection.
Seek expert advice if working with lead, chromate or asbestos based materials or surfaces.*

Priming

Primer required	Yes, for bare substrates. Ensure the correct substrate primer and/or sealer is used. Fill nail holes and surface imperfections after priming.
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Interior plasterboard – new dry areas

Crown Wallboard Sealer (see [Data Sheet C07](#)) or Resene Broadwall Waterborne Wallboard Sealer (see [Data Sheet D403](#)).

Interior plasterboard – existing dry areas

Resene Waterborne Sureseal (see [Data Sheet D42a](#)) or Resene Sureseal (see [Data Sheet D42](#)).

Fibrous plasterboard and hardboard

Solventborne Resene Sureseal (see [Data Sheet D42](#)).

Fibre and particle board

Crown Acrylic Primer Undercoat (see [Data Sheet C06](#)) or Resene Quick Dry (see [Data Sheet D45](#)).

Refer to Resene Technical Services or the Resene website, www.resene.com/datasheets, for full substrate specific priming and Resene coating system/specification information.

Application

Apply by	Brush, speed brush, synthetic fibre roller or spray
Typical coverage	15 square metres per litre per coat
Dry film thickness	29 microns at 15 square metres per litre
Dry time (minimum)	45 minutes at 20°C
Recoat time (minimum)	2 hours at 20°C
Usual no. of coats	2
Thinning	Water
Clean up	Water

Stir thoroughly before use. Apply two coats of Crown Ceiling Flat allowing dry time between coats.

Precautions

Read the current Technical Data Sheet and Safety Data Sheet before specifying or using Resene products. Resene Technical Data Sheets are updated from time to time. This Technical Data Sheet is provided as a guide for this product and may differ from the most recent version. Please discuss your project with your Resene Technical Representative, local Resene ColorShop team or reseller to ensure you have the right products to give you the best quality finish for your specific project.

Product stewardship

Return any unwanted product or packaging to the [Resene PaintWise recycling service](#) (NZ) or [Paintback](#) (AU).

Safety Data Sheet (SDS)

Read the Safety Data Sheet before use, scan the QR code or visit www.resene.com/datasheets.



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SDS