

# Generic Paint Specification 3024 for Painting CFC

**Description:** - This spec is for the protection and enhancement of porous surfaces such as fibre cement board in internal and external environments. It is a solvent based coating system, and is designed primarily for spray application. The system provides good UV resistance with excellent cleaning properties, excellent hardness, and a beautiful appearance. It is available in any colour and a satin finish. Obviously, suitability of the substrate in external conditions is an important consideration.

**Application:** - Typical applications include secondary tunnel lining, fascias and facades, decorative columns and curtain wall paneling.

**Products:** Vitrethane 555 Two Pack Polyurethane Undercoat  
Vitrethane 643 Two Pack Polyurethane

Details	Theoretical Coverage
1. Substrate must be clean and dry	
2. 1 <sup>st</sup> Coat – apply Vitrethane 555 Two Pack Polyurethane Undercoat to a minimum of 75 microns dry film thickness	5m <sup>2</sup> /Litre
3. Allow to fully cure – approx 8 hours drying time	
4. Sand to a smooth, even surface. Level of sanding depends on the finish required – typically between #180 and #400 paper is used. For maximum flatness and evenness of finish, repeat steps 3 & 4.	
5. 2 <sup>nd</sup> Coat – apply Vitrethane 643 Two Pack Polyurethane to a minimum dry film thickness of 50 microns.	8m <sup>2</sup> /Litre

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**This Generic Paint Specification must be read having regard to the Notes below.**

**Notes:**

This specification is a generic specification. This specification must be read in conjunction with all relevant Product Data Sheets and Safety Data Sheets. This specification is offered free of charge and as a guide only. To the extent permitted by law, A&I Coatings liability with respect to the Products is limited to supply of replacement materials and no further liability for failure of the Product or associated costs will be borne by A&I Coatings. Being a generic specification, there may be situations or conditions not considered that could influence the performance or appearance of the finished product. You must ensure this specification is suitable for your project by contacting your A&I Coatings representative prior to purchasing the Product. Product usage rates given in this specification are an indication only and do not allow for any wastage or variation due to factors beyond the control of A&I Coatings.

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This specification prepared By: Peter Gillies / Approved By: Frank Jiang / QAF037 Version Number: 01 / Issue Date: 30/03/10

Notes:

1. Corners and edges are extremely important on external porous substrate treatment. An even coating must be achieved on all surfaces.
2. The impact of water is an important consideration in a façade system. If the rear of the panel is sealed to reduce carbonation of the substrate, any penetrations in the face for screws etc must be very carefully sealed to prevent water ingress. If water enters a panel with a sealed rear face, compromise of the external envelope is inevitable somewhere to allow the fluid to escape.

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