



CROWN SUPER ACRYLIC

PRODUCT CODE: CSA 1 & TSP Tint Bases

TECHNICAL DATA SHEET NO: C-5

DATE: APRIL 2011

THIS SUPERSEDES ALL PREVIOUS PUBLICATIONS

Product Description	A superior quality acrylic emulsion paint for interior and exterior use.														
Intended Uses	<ul style="list-style-type: none">• Suitable for application to suitably prepared new plaster, concrete, porous brickwork and various types of building boards.• Also as a finishing coat on appropriately primed and undercoated wood, metal, fibre cement and gypsum plaster.														
Features & Benefits	<ul style="list-style-type: none">• good durability and low odour• Easy to clean with good scrub ability.• Good obliteration and excellent spreadability.														
Product Information	Appearance	Matt													
	Colours	White (CSA 1)													
	Tint bases	Pastel (TSP 1000), Deep (TSP 2000) & Transparent (TSP 3000)													
	Generic type	Acrylic emulsion													
	Solids	Approx. 35% by mass; 21% by volume													
	S G	1,41 kg/ℓ (approx)													
	Flash point	Non flammable													
	Theoretical spreading rate	9 m²/ℓ per coat @ 21 μm DFT. This serves as a guide only.													
	Practical spreading rate	The practical spreading rate will vary depending on the porosity and profile of the substrate, as well as the application technique and tools used.													
Application Details	Mixing	Stir thoroughly with a flat paddle until homogeneous.													
	Method	Brush, roller or airless spray.													
	Thinning	Not recommended. Ready for use													
	Cleaning	Water													
	Substrate	Thoroughly cleaned, suitably primed concrete, plaster, brickwork, building boards and suitably primed wood, metal and fibre-board.													
	Application Environment	<table><tr><td>Surface Temperature</td><td>Ambient Temperature</td><td>Relative Humidity</td></tr><tr><td>Min: 10 °C</td><td>Min: 10 °C</td><td>Min: 10%</td></tr><tr><td colspan="3">or 2 °C min. above dew point</td></tr><tr><td>Max: 40 °C</td><td>Max: 40 °C</td><td>Max: 85%</td></tr></table>		Surface Temperature	Ambient Temperature	Relative Humidity	Min: 10 °C	Min: 10 °C	Min: 10%	or 2 °C min. above dew point			Max: 40 °C	Max: 40 °C	Max: 85%
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Tint Bases	<ul style="list-style-type: none">• The tint base containers are underfilled to levels which are specific for each tint base to allow for a calculated volume of colourants to be added. The volume indicated on the container is only achieved after the addition of all prescribed colourants as per the formulation.• The tint bases and the colourants are unfinished or intermediate products which are not recommended for use by themselves. A finished product is only produced once the prescribed quantities of colourants have been thoroughly mixed with the tint base.• When mixed to a finished product its technical features, product information, application and surface preparation details comply with that of CROWN SUPER ACRYLIC (CSA),• Only colourants from the PLASCON INSPIRED COLOUR system are permitted for use when tinting.														



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Storage & Packaging	Store away from direct sun, heat and severe cold. Packaging: 1 ℓ, 5 ℓ and 20 ℓ
Tinting Procedure	<ul style="list-style-type: none">• Select the required colour and reference no. from the PLASCON INSPIRED COLOUR fandeck, other suitable fandecks or colour cards and locate the applicable formulation from the tables.• Certain colour choices may require more than two coats to achieve full obliteration (see computer formulations for details in remarks column prior to tinting)• Select the required tint base and volume for tinting and set the tinting machine to deliver the correct amount of colourants as per formulation.• Inject all required colourants, close container and shake on mechanical shaker for 5 minutes.• Note: UNDER NO CIRCUMSTANCES MUST COLOURS BE TINTED FROM CROWN SUPER ACRYLIC White (CSA 1) - USE ONLY THE PRESCRIBED TINT BASES
Surface Preparation	<p>Ensure that surfaces are dry, sound, free from dust, dirt, grease and oil before painting</p> <ol style="list-style-type: none">1. NEW WORK<ol style="list-style-type: none">1.1 Cement plaster, concrete and porous brickwork: Remove any loose particles and laitance by most suitable means and paint directly. Prime with CROWN PLASTER PRIMER (CPP 2).1.2 Gypsum plaster (e.g. Rhinolite, Cretestone), brickwork stone work: Apply one coat of CROWN PLASTER PRIMER (CPP 2). If a gypsum plaster has been used as the joint skimming filler on gypsum board or dry wall partitioning, then seal these areas with CROWN PLASTER PRIMER (CPP 2).1.3 Fibre cement board: prime with BONDING LIQUID (CVI 1).1.4 Wood: Sand to a smooth finish and dust off. Seal knots and resinous areas with WOODCARE KNOT SEAL (PK 2). Prime with PLASCON WOOD PRIMER (UC 2).1.5 Hardboard: Prime with CROWN PLASTER PRIMER (CPP 2).1.6 Mild Steel: Remove rust by coarse sanding, mechanical grinding or with REMOVAL RUST REMOVER (RCC 120). Degrease with PLASCON AQUASOLV DEGREASER (GR 1) or REMOVAL GREASE & GRIME REMOVER (RCS 60) and rinse thoroughly with water. Prime with METALCARE MILD STEEL PRIMER (UC 501)1.7 Galvanised steel: Clean with METALCARE GALVANISED IRON CLEANER (GIC 1) and rinse thoroughly with water to achieve a water break free surface. Prime with METALCARE GALVANISED IRON PRIMER (GIP 1).2. PREVIOUSLY PAINTED SURFACES<ol style="list-style-type: none">2.1 Previously painted surfaces in good condition: Remove loose and flaking paint back to a sound substrate and a firm edge by scraping and sanding. Spot prime bare areas with appropriate primer. Clean down with POLYCELL SUGAR SOAP POWDER solution to remove all contaminants and chalked material. Rinse with clean water to remove all traces of sugar soap. Alternatively, clean with high pressure water jet. Sand glossy enamel surfaces to a matt finish and apply one coat of CROWN PLASTER PRIMER (CPP 2).2.2 Previously painted surfaces in poor condition: Completely remove paint by most appropriate means e.g. scraping, coarse sanding or stripping with the appropriate REMOVAL COATING REMOVER product. Wash thoroughly with POLYCELL SUGAR SOAP. Rinse well with fresh water to remove all traces of the cleaning agents and debris. Ensure substrate is sound, not powdery or friable, prior to coating. Proceed as for New Work3. FILLING Fill all imperfections with the suitable POLYCELL POLYFILLA and spot prime filled areas with CROWN PLASTER PRIMER (CPP 2).
Application	<ul style="list-style-type: none">• Apply two or three coats to new surfaces so as to achieve complete obliteration.• For highly porous surfaces, apply CROWN PLASTER PRIMER (CPP 2).



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Cautions

- Metal surfaces **must** be primed as per surface preparation.
- To ensure that colours on a project are consistent check that batch numbers correspond.
- Full opacity is only achieved when dry.

Safety

Precautions

- Keep out of reach of children.
 - Ensure good ventilation during application and drying.
 - In case of skin contact, wash with soap and water or a recognised skin cleaner.
 - Avoid contact with eyes – In case of contact, rinse eyes immediately with plenty of water and seek medical advice if symptoms persist.
 - Harmful if swallowed. Do not induce vomiting. Seek medical attention.
 - Refer to Material Safety Data Sheet for complete information.
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DISCLAIMER:

The recommendations contained herein are given in all good faith and are meant to guide the specifier or the user. They are based on results gained from our tests and experiences and are believed to be reliable. No guarantee is implied by the recommendations contained herein since conditions of use, method of application and cleanliness of the substrate prior to painting are beyond our control.

NB: Technology may change with time necessitating changes to this Technical Data Sheet (TDS). It is the responsibility of the user to ensure that the latest TDS is being used.

NB: TO ORDER: Quote product name, product code number, packaging and colour.

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