TECHNICAL DATA SHEET

ACRYLIC SATIN FINISH

Crown Trade Acrylic Satin Finish is a virtually solvent free alternative to traditional solvent-borne Satin Finish, offering a smooth elegant finish for interior and exterior wood and correctly primed metalwork. Acrylic Satin Finish will show no visible yellowing and has been developed to benefit from good flow, reducing brushmarks.

AVAILABILITY

Colour Range	White.
Packaging	1, 2.5 and 5 litre.

PROPERTIES

Drying Time	Under normal drying conditions touch dry in 1-2 hours and recoatable after 4-6 hours. Allow for adequate ventilation during the drying period.
Finish	Satin.
Composition	Pigment: Titanium Dioxide. Binder: Acrylic. Solvent: Water.
Spreading Rate	Up to 14m² per litre on smooth surfaces.
Wet Film Thickness	71 micrometres at 14m² per litre.
Dry Film Thickness	25 micrometres at 14m² per litre.
Volume Solids	35%.
Flash Point	Not applicable
VOC Content	EU limit value for this product (cat.A/d): 130g/l (2010). This product contains max. 2 g/l VOC.
Limitations	Do not apply when there is a risk of rain, air or substrate temperatures are likely to fall below 8°C or when the relative humidity is above 80% during application or the drying period.

PREPARATION

New Surfaces

Timber

All surfaces must be suitably dry, and free from anything that will interfere with the adhesion of the materials to be applied. Rub down with a suitable grade of abrasive paper. Remove all dust. Treat knots with two thin coats of fresh knotting. Fill any fixing holes, open joints and shallow surface defects with Sandtex Trade Ready Mixed Filler. Rub down with a suitable grade of abrasive paper. Remove all dust. Prior to priming the moisture content of the substrate should not exceed 18%. Prime with one coat of Crown Trade New Build Acrylic Primer Undercoat.

All metals including galvanised

Surfaces must be clean and free from anything that will interfere with the materials to be applied. Wash with hot water and liquid detergent solution to remove oil, grease or any other contaminants, frequently changing the water. Rinse thoroughly with clean water. Allow to dry. Galvanised surfaces should be pre-treated with Crown Trade Protective Coatings T Wash, Overall blackening of the surface will confirm satisfactory surface preparation.

Additional surface preparation

Non-ferrous metals

Lightly abrade to a bright (not polished) surface – excluding galvanised surfaces. Rinse thoroughly with clean water to remove all resides. Allow to dry. Prime with one coat of Crown Trade Water Based Metal Primer. Undercoat with one coat of Crown Trade New Build Acrylic Primer Undercoat.

Ferrous metals
Remove all millscale and rust back to clean metal. Remove all residues. Prime within the working day with one coat of Crown Trade Water Based Metal Primer.

Previously Decorated Surfaces

Timber

All surfaces must be suitably dry, and free from anything that will interfere with the adhesion of the materials to be applied. Remove all loose, failing or suspect paint. Remove grey and denatured surfaces by rubbing down with abrasive paper. Feather edges of sound paint. Remove all dust. Organic growth must be removed and the areas treated with Crown Trade Fungicidal Solution. Treat knots with two thin coats of fresh knotting. Fill any fixing holes, open joints and shallow surface defects with Sandtex Trade Ready Mixed Filler. Rub Down with a suitable grade of abrasive paper. Remove all dust. Spot prime bare and filled areas with one coat of Crown Trade New Build Acrylic Primer Undercoat.

Metals
All surfaces must be suitably dry, and free from anything that will interfere with the adhesion of the materials to be applied. Remove all loose, and failing or suspect paint. Feather edges of sound paint. Remove all dust. Remove all rust. Spot prime ferrous and non-ferrous metals including galvanised metal with one coat of Crown Trade Water Based Metal Primer.

Timber and metals
Wash remaining sound paint with hot water and liquid detergent solution to remove any contaminants, frequently changing the water. Any glossy or eggshell surfaces must be wet abraded to provide a key. Rinse with clean water to remove all residues. Allow to dry. Bring forward patch primed and or spot primed areas with Crown Trade Acrylic Satin Finish.

COATING FINISH

New / unpainted surfaces
Following appropriate surface preparation and priming, finish with two coats of Crown Trade Acrylic Satin Finish.

Previously painted surfaces
Following appropriate surface preparation and spot priming, finish with two coats of Crown Trade Acrylic Satin Finish

APPLICATION

Stir well before use. Apply using a good quality fine filament synthetic brush or medium pile woven roller. For airless spray (dilution may be required). Refer to spray manufacturers guidelines.

CLEANING

Wash with clean water immediately after use. Remove surplus material to container.

MAINTENANCE INFORMATION FOR CDM FILE

Between maintenance redecoration surfaces may be washed with a warm water and liquid detergent solution to remove surface dirt.

HEALTH AND SAFETY

Please refer to the Safety, Health and Environmental Information on the container. Take special precautions during the surface preparation of pre 1960's painted surfaces as they may contain harmful lead. For further information contact the Crown Trade Customer Relations Team. When preparing all surfaces avoid the inhalation of dust and/or metal particles. Wear a suitable facemask. Material Safety Data Sheets for this and all other Crown Paints products are freely available from the place of purchase or the address below. Store in secure dry conditions between 5°C and 40°C and inaccessible to children or animals. Containers should be kept closed during storage. Do not empty into drains, watercourses or access routes to septic tanks.

GENERAL INFORMATION

Apply all products in accordance with BS 6150: Code of practice for painting of buildings and BS 8000: Part 12: Code of practice for decorative wallcoverings and painting. Under normal and frost free conditions this product will remain usable for up to two years if stored correctly and unopened.

Every care is taken to ensure that all information provided on this Technical Data Sheet is accurate. Crown Paints is unable to guarantee results as it has no control over the conditions under which its products are applied.

Before using this product please ensure you have the latest information. For help or more information contact the Crown Trade Customer Relations Team on:
Tel: 0330 0240297
Fax: 0330 0240278
e-mail: info@crowntrade.co.uk
website: www.crowntrade.co.uk

This information is correct at date of issue June 2015.

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