

TECHNICAL DATA SHEET



SATIN

Crown Trade Satin has a slight sheen, with a washable finish and great opacity. It is self undercoating, easy to apply and resistant to condensation.

AVAILABILITY	
Colour	Refer to current Crown Trade Literature
Packaging	1L, 2.5L, 5L
PROPERTIES	
Suitable Surfaces	Suitably prepared Interior wood and metal surfaces
Drying Time @ 20°C/65%RH	Under normal drying conditions touch dry in 4-6 hours and recoat after 16-24 hours. Allow for adequate ventilation during the drying period. At low temperatures or high humidity drying time may be extended.
Finish	Satin
Composition	Pigment: Titanium Dioxide, coloured pigments and extenders
	Binder: Thixotropic Alkyd
	Solvent: Dearomatised White Spirit.
Spreading Rate	Up to 16m ² per litre on smooth surfaces
Wet Film Thickness	63 micrometres at 16m ² per litre
Dry Film Thickness	25 micrometres at 16m ² per litre.
Volume Solids	41%.
Flash Point	40°C (closed cup)
VOC Content	EU limit value for this product (cat.A/d): 300 g/l (2010). This product contains max. 299 g/l VOC.
Limitations	Do not apply when 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. Do not over apply. Note: Ensure previous coat is fully dry before application, colder conditions will extend the drying period. Certain circumstances, such as lack of daylight, lead to white and very pale colours yellowing over time.
PREPARATION	
All New Metals	Lightly abrade to a bright (not polished) surface – excluding galvanised surfaces. 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. When dry prime with one coat of Crown Trade Universal Metal Primer .
Galvanised Metal	Bright galvanised surfaces should be thoroughly degreased as per new metals, then pre-treated with a T Wash. Overall blackening of the surface will confirm satisfactory surface degreasing. When dry prime with one coat of Crown Trade Universal Metal Primer .
Non Ferrous Metals	Prime bare metal with one coat of Crown Trade Universal Metal Primer .
Ferrous Metals	Remove all millscale and surface rust back to clean bright metal. Remove all residues. Prime within the working day with one coat of Crown Trade Universal Metal Primer .
Previously Decorated Metal Surfaces	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. Organic growth must be removed and the areas treated with Sandtex Trade Fungicidal Solution . Spot prime all bare metalwork with Crown Trade Universal Metal Primer . Wash remaining sound paint with hot water and liquid detergent solution to remove any contaminants, frequently changing the water. Wet abrade to provide a key. Rinse with clean water to remove all residues.
New Wood Surfaces	All surfaces must be sound, clean, 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



P O Box 37, Crown House, Hollins Road, Darwen, Lancashire, BB3 0BG. Tel: 01254 704951

Crown Paints Ireland Ltd, Unit 8A, Coolmine Central, Porters Road, Coolmine Ind Est, Dublin 15, D15 AX9A. Tel: 00353 1 8164400

TECHNICAL DATA SHEET



	abrasive paper and round sharp edges to a 1-3mm radius. Remove all dust. Timber with oils/extractives must be swabbed with clean methylated spirits, frequently changing the face of the cloths. Treat any knots with two coats of fresh knotting. Fill any fixing holes, open joints and shallow surface defects with Sandtex Ready Mixed Filler or 2 pack wood filler. Apply one coat of Crown Trade Primer Undercoat .
Previously Decorated Wood Surfaces	All surfaces must be sound, clean, 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 Sandtex Trade Fungicidal Solution . Remove any defective putty glazing, clean and prime rebates, replacement putties must be allowed to form a hard skin. Treat knots with two thin coats of fresh knotting. Fill any fixing holes, cracks and shallow surface defects with Sandtex Ready Mixed Filler or 2 pack wood filler. Wash remaining sound paint with hot water and liquid detergent solution to remove any contaminants, frequently changing the water. Wet abrade to provide a key. Rinse with clean water to remove all residues. Allow to dry. Spot prime bare and filled areas with one coat of Crown Trade Primer Undercoat .
COATING SYSTEM	Apply one coat or two coats as required. Note: Crown Trade Satin can be used as an alternative to an undercoat. However when over painting deep or heavily contrasting shades we would recommend possibly using one coat of Crown Trade Primer Undercoat to aid opacity. Certain colours may require additional coats to give complete obliteration. Always intermix (box) packs for colour consistency. Please check for colour accuracy prior to application. Crown Paints is not liable for decorating costs caused as a result of an incorrect colour being applied.
APPLICATION	Stir well before and during use. Apply using good quality tools – synthetic or bristle brush or short/medium pile roller. Maintain a wet edge. A characteristic of the technology used in this product is that whiteness intensifies as the paint dries. The sheen will reach its final level approximately 2 weeks after application.
CLEANING	Return surplus material to container. Wash tools & equipment with a proprietary cleaner immediately after use.
STORAGE	Store upright and secure. Store in secure dry conditions inaccessible to children or animals. Containers should be kept closed during storage. Do not store below 5°C or above 40°C.
MAINTENANCE INFORMATION	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. 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. 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 Care Team on: Tel: 0330 0240297



P O Box 37, Crown House, Hollins Road, Darwen, Lancashire, BB3 0BG. Tel: 01254 704951

Crown Paints Ireland Ltd, Unit 8A, Coolmine Central, Porters Road, Coolmine Ind Est, Dublin 15, D15 AX9A. Tel: 00353 1 8164400

TECHNICAL DATA SHEET



Fax: 0330 0240278

e-mail: info@crowntrade.co.uk

website: www.crowntrade.co.uk

This information is correct at date of issue September 2024



P O Box 37, Crown House, Hollins Road, Darwen, Lancashire, BB3 0BG. Tel: 01254 704951

Crown Paints Ireland Ltd, Unit 8A, Coolmine Central, Porters Road, Coolmine Ind Est, Dublin 15, D15 AX9A. Tel: 00353 1 8164400