

TECHNICAL DATA SHEET



SATIN FINISH

A solvent-borne highly durable, washable satin finish for interior joinery and metalwork. Does not always require an undercoat.

AVAILABILITY

Colour Range Refer to current Crown Trade Literature.

Packaging 1, 2.5, and 5 litre.

PROPERTIES

Drying Time Under normal drying conditions touch dry from 6 hours and recoatable after 16 hours. Allow for adequate ventilation during the drying period. A characteristic of the new 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.

Finish Satin.

Composition Pigment: Titanium Dioxide, coloured pigments and extenders.
Binder: Thixotropic alkyd. Alkyd
Solvent: Dearomatised White Spirit.

Spreading Rate Up to 16m² per litre on smooth surfaces.

Wet Film Thickness 62.5 micrometres at 16m² per litre

Dry Film Thickness 35 micrometres at 16m² per litre.

Volume Solids 56% Brilliant White other colours will vary.

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 For interior use only. 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.

PREPARATION

New Surfaces

Timber and Timber Based Boards (Including MDF)

All surfaces must be suitably dry, and free from anything that will interfere with the adhesion of the materials to be applied. Fill any fixing holes, open joints and shallow surface defects with Sandtex Trade Ready Mixed Filler or a two pack proprietary wood filler. Rub down with a suitable grade of abrasive paper and round sharp edges 1-3mm. Remove all dust. Treat knots with two thin coats of fresh knotting. Prior to priming the moisture content of the substrate should not exceed 18% wood moisture equivalent. Prime with one coat of Crown Trade Wood Primer as required. Apply one coat of Crown Trade Full Undercoat.

Hardwoods with a high tannin content should be scrubbed and swabbed with clean methylated spirits, frequently changing the face of the cloth. Allow to dry and prime with a coat of Crown Trade Aluminium Wood Primer.

All metals including galvanised

Surfaces must be clean and free from anything that will interfere with the materials to be applied. Remove all millscale and corrosion back to clean metal. Remove all residues. 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. Lightly abrade non-ferrous metals to a bright (not polished) surface – excluding galvanised surfaces. Bright galvanised surfaces should be pre-treated with Crown Trade Protective Coatings T-Wash after washing. Overall blackening of the surface will confirm satisfactory surface preparation. For advice on blast cleaning please contact the Crown Trade Customer Relations Team.

Prime within the working day with one coat of Crown Trade Universal Metal Primer. Apply one coat of Crown Trade Full Undercoat.

Uncoated Surfaces

Timber

All surfaces must be suitably dry, and free from anything that will interfere with the adhesion of the materials to be applied. Prior to painting the moisture should not exceed 18%. Remove grey and denatured surfaces by rubbing down with abrasive paper or by mechanical means and round sharp edges 1-3mm. Organic growth must be removed and the areas treated with Crown 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, open joints and shallow surface defects with Sandtex Trade Ready Mixed Filler or a two pack proprietary wood filler. Rub down with a suitable grade of abrasive paper. Remove all dust. Prior to painting the moisture should not exceed 18% wood moisture equivalent. Prime with one coat of Crown Trade Wood Primer, or for hardwood, Crown Trade Aluminium Wood Primer.

All metals including galvanised

All surfaces must be suitably dry, and free from anything that will interfere with the adhesion of the materials to be applied. Remove all millscale and corrosion back to clean metal. Remove all residues. 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. Lightly abrade non-ferrous metals to a bright (not polished) surface – excluding galvanised surfaces. For advice on blast cleaning please contact the Crown Trade Customer Relations Team. Prime within the working day with one coat of Crown Trade Universal Metal Primer. Apply one coat of Crown Trade Full Undercoat.

Previously Painted Surfaces

Timber and Timber Based Boards (Including MDF)

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. Remove grey and denatured surfaces by rubbing down with abrasive paper or by mechanical means and round sharp edges 1-3mm. Feather edges of sound paint. Organic growth must be removed and the areas treated with Crown 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, open joints and shallow surface defects with Sandtex Trade Ready Mixed Filler or a two pack proprietary wood filler. Rub down with a suitable grade of abrasive paper. Remove all dust. Prior to painting the moisture should not exceed 18% wood moisture equivalent. Spot Prime bare and filled areas with Crown Trade Wood Primer, or for hardwood, Crown Trade Aluminium Wood Primer. Apply one coat of Crown Trade Full Undercoat.

All metals including galvanised

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 corrosion back to clean metal. Remove all residues. Wash with hot water and liquid detergent solution to remove oil, grease or any other contaminants, frequently changing the water. Wet abrade to provide a key. Rinse thoroughly with clean water. Allow to dry. Spot prime within the working day with one coat of Crown Trade Universal Metal Primer. Apply one coat of Crown Trade Full Undercoat.

COATING SYSTEM

Apply one or two coats Satin Finish to new or previously painted surfaces as required, Maintain a wet edge.

APPLICATION

Stir well before use. Apply by brush or roller to an even thickness (a fine, soft long filament bristle brush gives best results). Maintain a wet edge. On timber lay off in the direction of the grain. Always intermix 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. NOTE: Our products are formulated to the highest quality, however recent changes made to meet the reduced solvent levels required by current legislation may in certain circumstances, such as lack of daylight, lead to white and very pale colours yellowing over time.

MAINTENANCE FOR CDM FILE

Prior to priming the moisture content should not exceed 18%.

CLEANING

Return surplus material to container. Clean with a proprietary cleaner immediately after use.

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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