TECHNICAL DATA SHEET

# SUPERDEC OPAQUE WOOD PROTECTION

**Sadolin Superdec Satin/Gloss** is a multi-surface opaque coating that provides superior protection through extreme flexibility, which enables resistance to cracking, peeling and flaking. Perfect for use on new and previously coated wood. However, can also be used on weathered plastic, metal, cladding, concrete and masonry. Sadolin Superdec also contains a biocide to protect the dried paint film against fungal degradation, again providing longevity of the coating. On timber there is no need for a separate primer as this product is self-priming and undercoating and is also vapour permeable and ideal for hiding timber blemishes. Sadolin Superdec is the ultimate solution when an opaque solid colour is required.

| **AVAILABILITY** | |
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| Colour range | Refer to current Sadolin Literature.<br>Satin is available in ready mixed and tint shades.<br>Gloss is available in ready mixed only |
| Packaging | 1L, 2.5L and 5L<br>250ml (satin tint only) |
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| Suitable Surfaces | Exterior wood (windows, doors, conservatories, fencing, cladding, fascias and soffits), weathered plastic (such as PVCu), metal, concrete, brick, stone and plastisol.<br>Note: Not suitable for use on decking, copper, polished concrete/concrete floors or common fletton bricks/engineering bricks. |
| Drying time<br>@20ºC/65% RH | Touch dry 1-2 hours. Recoat 6 hours.<br>Note: Drying times are dependent upon absorption, type of substrate and drying conditions. At low temperatures and/ or conditions of high relative humidity, drying times will be extended. |
| Finish | Satin and Gloss |
| Composition | Pigment: Titanium Dioxide and lightfast colour pigments<br>Binder: alkyd/acrylic resin<br>Thinner: Water |
| Spreading rate | Up to 14m² per litre on smooth planed timber |
| Wet film thickness | 71 micrometres at 14m² per litre |
| Dry film thickness | 28 micrometres at 14m² per litre – Satin<br>24 micrometres at 14m² per litre - Gloss |
| Volume solids | 39% for Satin<br>33% for Gloss |
| Flash point | Not applicable |
| VOC content | EU limit value for this product (cat.A/e): 130 g/l (2010)<br>This product contains max. 45 g/l VOC |
| Limitations | Do not apply if there is a risk of rain. Do not apply when air or substrate temperatures are likely to fall below 8ºC or above 25ºC or when the relative humidity is above 80% during application or the drying period.<br>Do not use on substrates previously coated with water repellent preservative treatments. |

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| | The use of linseed oil putty or modified, non setting compounds are not recommended with our Sadolin products.<br>**Sadolin Superdec** is supplied ready to use and should not be thinned. |
| **PREPARATION** | |
| General Preparation | All surfaces must be sound, suitably dry and free from anything that will interfere with the adhesion of the materials to be applied. |
| General Timber Advice | The moisture content should not exceed 18% prior to coating. Resinous deposits should be removed. Degrease any exposed bare timber by wiping with a clean, lint free cloth dampened with methylated spirits, frequently changing the face of the cloth. Allow the solvent to fully evaporate. Abrade sound timber surfaces in the direction of the grain using medium/medium fine grade (P180/P240) pads/abrasive paper (nothing metallic), taking care not to damage or scratch across surfaces. Remove dust. “Knotting agents” should not be used with Sadolin systems. Use an appropriate woodfiller to make good any minor surface defects. General or all-purpose fillers are not suitable. We recommend the use of non-ferrous screws, nails and fixings. Exposed ferrous items may corrode and break the coating film over time if not suitably primed/treated prior to decorating |
| New Timber | Treatment of resinous knots is recommended prior to application by drilling out and filling or the application of an appropriate blocking primer. Coat any non-treated wood with two liberal coats of **Sadolin Quick Dry Wood Preserver** paying particular attention to end grains. Allow 24 hours before overcoating. Where possible, the basecoat, **Sadolin Superdec**, should be applied, all round, prior to fixing. |
| Previously Coated Timber | Remove all defective coatings. Grey denatured timber should be thoroughly sanded back to clean, bright timber and treated as new. Organic growths should be treated with a suitable fungicidal wash and removed. Remaining sound surfaces should be cleaned with a warm water and mild detergent, rinse thoroughly with clean water and allow to dry. Bare timber should be patched primed with **Sadolin Superdec.** Lightly abrade in the direction of the grain, taking care not to break the surface coating. Remove dust. |
| New Metals | 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. Lightly abrade to a bright (not polished) surface.<br>Prime within the working day with one coat of **Sandtex Trade Rust Inhibiting Primer Undercoat.** Allow it to dry.<br>Non-ferrous metals: Note – not recommended for use on Copper. |
| Galvanised metal | Bright galvanised surfaces should be pre-treated with a T Wash**.** Overall blackening of the surface will confirm satisfactory surface degreasing. When dry prime with one coat of **Sandtex Trade Rust Inhibiting Primer Undercoat.** Allow to dry. |
| Ferrous Metals | Remove all mill scale and rust back to clean bright metal. Remove all residues. Prime within the working day with one coat of **Sandtex Trade Rust Inhibiting Primer Undercoat.** |

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| Previously Painted Metal Surfaces | Remove all corrosion or rust back to clean bright metal. Organic growth must be treated with **Sandtex Trade Fungicidal Wash** and removed. Spot prime areas with **Sandtex Trade Rust Inhibiting Primer Undercoat.** 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 spot primed areas and undercoat overall with **Sadolin Superdec.** |
| Weathered Plastic and Composite Surfaces | Flatten off any smooth shiny surfaces using a Scotch Brite pad in a uniform direction or with any profiling to provide a key. Clean using warm water and a mild detergent, rinse off with clean water and allow to dry.<br>Note: Do not paint white uPVC with dark colours. |
| New Concrete, Masonry, Brick and Stone | Fill cracks and small defects in masonry surfaces with **Sandtex Ready Mixed Filler** and finish to match existing. Porous surfaces should be treated with one coat of **Sandtex Trade Quick Dry Stabilising Solution.** New concrete or render must be cured 30 days before coating and dry to an even colour. |
| Previously Painted Concrete, Masonry, Brick and Stone | Remove all loose, and failing or suspect material by scraping or brushing with a stiff bristle brush (not wire) to a sound edge. Organic growth must be treated with **Sandtex Trade Fungicidal Wash** and removed. Fill small cracks and defects in masonry surfaces with **Sandtex Ready Mixed Filler** and finish to match existing. Stabilise all bare, filled and previously decorated chalking areas with an application of **Sandtex Trade Quick Dry Stabilising Solution.** Wash any soundly adhering gloss painted surfaces with hot water and liquid detergent solution to remove any contaminants frequently changing the water. Wet abrade to provide a key. Rinse thoroughly with clean water to remove all residues. Allow to dry. |
| **COLOUR GUIDANCE** | We recommend a trial application in an inconspicuous area prior to commencement of work to check for colour accuracy. Always intermix (box) packs for colour consistency. Crown Paints is not liable for decorating costs caused as a result of an incorrect colour being applied |
| **COATING SYSTEM** | Apply 3 coats.<br>With certain substrates profiles and colours, it may be necessary to apply additional coats to achieve required coverage |
| **APPLICATION** | Stir well before and during use. Use a good quality synthetic bristle brush, short/medium pile roller or airless spray. Please refer to spray manufacturer's instructions. Apply in a full flowing coat maintaining a wet edge.<br>Ensure all surfaces, including end grains, tops and bottoms of doors, and undersides of cills are coated. |
| **GLAZING** | Backs of new glazing beads, end grains and rebates should be coated prior to fixing. Joinery should be glazed using a suitable sealant prior to coating. Silicone glazing materials should only be applied upon completion of coating. To confirm compatibility with glazing materials please consult the relevant glazing manufacturer. |

# TECHNICAL DATA SHEET

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| **CLEANING** | Return surplus material to container. Remove as much product as possible from equipment before cleaning. Do not flush paint down the drain, including when cleaning painting tools. |
| **MAINTENANCE INFORMATION** | Maintenance requirement is indicated by lightening of colour, reduction in sheen or loss of water repellence.<br>Between maintenance redecoration, surfaces may be washed with a warm water and liquid detergent solution to remove surface dirt, rinse with clean water and allow to dry. |
| **HEALTH AND SAFETY** | Please refer to the Safety, Health and Environmental Information on the container.<br>Take special precautions during the surface preparation of pre 1960's painted surfaces as they may contain harmful lead. When preparing the surfaces avoid the inhalation of dust and/or metal particles. Wear a suitable facemask.<br>Material Safety Data Sheets for this and all other Sadolin products are freely available from the address below, or visit sadolin.co.uk<br>Do not empty into drains, watercourses or access routes to septic tanks. |
| **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 5ºC or above 40ºC. |
| **GENERAL INFORMATION** | Apply all products in accordance with:<br>BS EN 927-1: Coating materials and coating systems for exterior wood. Classification and selection.<br>BS 6150: Painting of buildings. Code of practice.<br>BS 8000-12: Workmanship on construction sites. Code of practice for decorative wallcoverings and painting<br>BS 8000-7: Workmanship on construction sites. Code of practice for glazing<br>BS EN 335: Durability of wood and wood based products. Use classes: definitions, application to solid wood and wood based products.<br>BS EN 350: Durability of wood and wood based products. Testing and classification of the durability to biological agents of wood and wood-based materials |
| | 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 Sadolin Customer Care Team on:<br>Tel: 0330 024 0298<br>-mail: info@sadolin.co.uk<br>website: www.sadolin.co.uk<br>This information is correct at date of issue November 2025 |

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