

# TECHNICAL DATA SHEET



## DECKING STAIN AND PROTECTOR

A water based translucent coating offering the ultimate defence for outdoor decking. The advanced ultraviolet technology provides a durable finish with optimum adhesion. UV rays activate the formulation as it dries to provide a perfect hard wearing surface. The microporous formulation also contains an inhibitor to protect the surface from mould or algal growth. The produce itself is an easy flow formula which makes the application of the product a quick and easy task. All these qualities ensure that our Sadolin formulation provides long lasting weather protection for your decking.

AVAILABILITY	
Colour range	Refer to current Sadolin Literature.
Packaging	2.5L
PROPERTIES	
Suitable Surfaces	Decking
Drying time @20°C/65% RH	Touch dry 2-4 hours. Recoat 4-6 hours. 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 Note: On less absorbent/dense timber a higher sheen may be apparent.
Composition	Binder: Acrylic resin Thinner: Water.
Spreading rate	Up to 10m <sup>2</sup> per litre on smooth planed timber These figures are intended as a guide. The actual coverage will depend on a number of factors including timber species, surface condition, moisture content, method of application and climatic conditions during application
Wet film thickness	100 micrometres at 10m <sup>2</sup> per litre
Dry film thickness	13 micrometres at 10m <sup>2</sup> per litre
Volume solids	13%
Flash point	Not applicable
VOC content	EU limit value for this product (cat.A/e): 130 g/l (2010) This product contains max. 33 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 8°C, above 25°C or when the relative humidity is above 80% during application or the drying period. <b>Sadolin Decking Stain and Protector</b> is not suitable as a penetrating treatment process. Do not use on substrates previously coated with water repellent preservative treatments unless suitably weathered. The use of linseed oil putty or modified, non setting compounds are not recommended with our Sadolin products. <b>Sadolin Decking Stain &amp; Protector</b> is supplied ready to use and should not be thinned.
PREPARATION	
General Timber Advice	Timber surfaces must be suitably prepared. The moisture content should not exceed 18% prior to coating. Resinous deposits should be removed. Degrease any exposed bare timber



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	<p>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 <b>Sadolin Woodfillers</b> 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</p> <p>Note: Decking may be slippery when wet, and care should be taken.</p> <p>If using a pressure washer on bare/porous timber surfaces please allow plenty of time to fully dry out in suitable conditions as the water can be forced into the substrate and make take up to a week to do so.</p>
New Timber Decking	<p>All surfaces must be sound, suitably dry and free from anything that will interfere with the adhesion of the materials to be applied. Coat any non treated wood or freshly sawn ends of decking boards with two liberal coats of <b>Sadolin Quick Dry Wood Preserver</b>. Timber in ground contact (eg support posts) should also be preservative treated. Allow 24 hours before overcoating. Remove any surface salts left after preservative treatment with clean water and allow to dry. Where possible, the basecoat, <b>Sadolin Decking Stain and Protector</b>, should be applied, all round, prior to fixing.</p>
Previously Coated Decking	<p><b>Sadolin Decking Stain and Protector</b> not suitable for use on surfaces previously coated with a higher build finish, such as varnish or paint. These coatings should be removed completely and timber treated as new timber.</p> <p>On decking previously treated with creosote or similar water repellent treatments ensure they are well weathered and do not retain any smelly/oily surface. This can be tested by splashing with water, if the water is absorbed treatment with <b>Sadolin Decking Stain and Protector</b> should be satisfactory.</p> <p>All surfaces must be sound, suitably dry and free from anything that will interfere with the adhesion of the materials to be applied. Remove all defective coatings. Lightly abrade in the direction of the grain, taking care not to break the surface coating. Remove dust. 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. Bare timber should be patched primed with <b>Sadolin Decking Stain and Protector</b>. Remaining sound surfaces should be cleaned with a warm water and mild detergent, rinse thoroughly with clean water, and allow to dry.</p>
Colour guidance	<p>The final colour and sheen of translucent coatings are dependent on timber species, colour, cut and presence of existing coating amongst other factors. 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.</p>
<b>COATING SYSTEM</b>	<p>Apply 3 coats.</p> <p>With certain substrates profiles and colours, it may be necessary to apply additional coats to achieve required colour</p>



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<b>APPLICATION</b>	Stir well before and during use. Use a good quality synthetic bristle brush. Apply in a full flowing coat, ensuring all surfaces are coated. Ensure end grains and sawn timbers are coated to saturation, after 5-10 minutes redistribute the coating brushing in the direction of the grain. Avoid overspreading.
<b>CLEANING</b>	Return surplus material to container. Wash tools and equipment with warm, soapy water and rinse immediately after use.
<b>MAINTENANCE INFORMATION</b>	Maintenance requirement is indicated by lightening of colour, reduction in sheen or loss of water repellence. Between maintenance redecoration, surfaces may be washed with a warm water and liquid detergent solution to remove surface dirt, rinse off with clean water and allow to dry. Due to high levels of weathering and abrasion, decking boards may need maintenance coats as frequently as every year.
<b>HEALTH AND SAFETY</b>	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. When preparing the surfaces avoid the inhalation of dust and/or metal particles. Wear a suitable facemask. Material Safety Data Sheets for this and all other Sadolin products are freely available from the place of purchase or the address below, or visit <a href="http://sadolin.co.uk">sadolin.co.uk</a> Do not empty into drains, watercourses or access routes to septic tanks.
<b>STORAGE</b>	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.
<b>GENERAL INFORMATION</b>	Apply all products in accordance with: BS EN 927-1: Coating materials and coating systems for exterior wood. Classification and selection. BS 6150: Painting of buildings. Code of practice. BS 8000-12: Workmanship on construction sites. Code of practice for decorative wallcoverings and painting BS 8000-7: Workmanship on construction sites. Code of practice for glazing BS EN 335: Durability of wood and wood based products. Use classes: definitions, application to solid wood and wood based products. 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 Relations Team on: Tel: 0330 024 0298 e-mail: <a href="mailto:info@sadolin.co.uk">info@sadolin.co.uk</a> website: <a href="http://www.sadolin.co.uk">www.sadolin.co.uk</a> This information is correct at date of issue December 2021.



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