



Decking Stain and Preserver



Sadolin Decking Stain and Preserver is an innovative formulation, offering the ultimate protection for outdoor decking. Its advanced ultra violet active technology gives a more durable finish with optimum adhesion, providing the perfect solution for areas of high abrasion. A preservative further reduces the likelihood of timber damage. The unique properties of this formulation make applying the product a quick and easy task, giving long lasting weather protection to outdoor decking.

Sadolin Decking Stain and Preserver is not suitable as a penetrating treatment process.

Properties	
Composition	Acrylic / Urethane resin and 3-iodo-2-propynyl butyl carbamate 0.3% w/w (3.1 g/l) and Propiconazole 0.9% w/w (9.0 g/l) dispersed in water, (HSE no. 7720).
Coating System	2 or 3 coats of Sadolin Decking Stain and Preserver .
Finish	Translucent satin finish.
Recommended Application Rate	6-8m ² per litre on rough sawn timber. 12-14m ² per litre on smooth 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.
Minimum Wet Film Thickness	Approximately 72 micrometres @ 14m ² per litre on non-absorbent surfaces. The coating should be applied liberally in order to satisfy the natural absorption / porosity of the timber surface.
Dry Film Thickness	Approximately 11 micrometres @ 14m ² per litre.
Drying Time @20°C/65%RH	Touch dry : 2 hours. Recoatable : 4-6 hours. Note: Drying times are dependent upon absorption of substrate and drying conditions. At low temperatures and / or conditions of high relative humidity, drying times will be extended.
Volume Solids	Approximately 15%.
VOC Content	EU limit value for this product (cat. A/ e): 150g/l (2007) / 130 g/l (2010). This product contains max 30 g/l VOC.
Flash Point	Not applicable.
Colour Range	4 standard colours. As with all translucent coatings, the final colour and sheen are dependent on a number of factors, including the timber species, colour and cut, and the presence of any existing coating. A trial application is recommended prior to the commencement of work.
Container Size	Sadolin Decking Stain and Preserver is available in 2.5 litre containers.
General Information	The following information is provided for guidance purposes, sample specifications for all Sadolin woodcare finishes are available on the Sadolin website. (www.sadolin.co.uk). All products should be applied in accordance with the manufacturer's instructions, BS 6150: 2006 and BS 8000: Part 1: 1989. Crown Paints are unable to guarantee results as we have no control over the conditions under which products are applied.
Preparation	
General	Timber surfaces must be suitably prepared, clean, sound and dry. The moisture content should not exceed 18% prior to coating. Weathered and denatured surfaces should be thoroughly abraded and/or stiff bristled brushed back to a clean bright surface. Remove any decayed areas and replace with new timber. Resinous deposits should be removed with a scraper. Timber in ground contact (eg support posts) should be preservative treated in accordance with the relevant standards. Remove any surface salts left after preservative treatment with clean water and allow to dry. Only use non - ferrous screws, nails and fixings.
New Timber	Do not use Sadolin Decking Stain and Preserver on substrates which have had water-repellent preservative treatments unless suitably weathered. Where possible, the base coat should be applied all round prior to fixing.
Existing Coatings	Sadolin Decking Stain and Preserver is not suitable for use on surfaces where a higher build finish (such as varnish, paint & woodstains) have been used previously. In such cases, all previous should be removed completely and the surfaces treated as 'New Timber'. All defective coatings should be completely removed. Any grey denatured exposed timber surfaces must be thoroughly sanded back to clean, bright timber. Organic growths must be removed and infected surfaces should be treated with a suitable fungicidal solution. Remaining sound surfaces should be cleaned using a warm water and mild detergent and rinsed thoroughly with clean water. Bare timber should be patch primed with one or more coats of Sadolin Decking Stain and Preserver in the appropriate colour to match existing colour. Finish with 2 coats of Sadolin Decking Stain and Preserver as required.

Existing Coatings - continued	On timber previously treated with creosote or similar water repellent treatments, ensure that they are well weathered and do not retain any smell or 'oily' surface. This can be tested by splashing with water, if the water is readily absorbed, then treatment with Sadolin Decking Stain and Preserver should be satisfactory.
Application	
Conditions	Do not apply if there is a risk of rain, or when air / substrate temperatures are below 10°C or above 25°C, or if the relative humidity is above 65% during application or drying periods. Protect from frost and rain until dry. Failure to meet these requirements may adversely affect the drying, visual quality and durability of the finish.
Initial Procedure	Ensure product is thoroughly stirred before and during application, otherwise sheen and colour variations may be experienced. Sadolin Decking Stain and Preserver is supplied ready for use. Do not thin
Applying the Product	For best results use a good quality, synthetic fibre bristle brush specifically designed for the application of water borne products. On new work, wherever possible, the initial coat should be applied to all concealed surfaces prior to fixing. Apply 2 liberal coats of Sadolin Decking Stain and Preserver ensuring all surfaces are coated to saturation by applying several coats 'wet on wet' until the end grain refuses to absorb any more. Allow a minimum of 4 hours drying time between coats. Avoid over spreading as this will reduce the long term durability and performance of the coating system.
Maintenance	The need for maintenance is indicated by a lightening in colour, reduction in sheen as the coating erodes, and a loss of water repellence. All defective coatings should be completely removed. Any grey denatured exposed timber surfaces must be thoroughly sanded back to clean, bright timber. Organic growths must be removed and infected surfaces should be treated with a suitable fungicidal solution. Remaining sound surfaces should be cleaned using a warm water and mild detergent and rinsed thoroughly with clean water. Bare timber should be patch primed with one or more coats of Sadolin Decking Stain and Preserver in the appropriate colour to match existing colour. Finish with 1 or 2 coats of Sadolin Decking Stain and Preserver as required.
Cleaning Equipment	Clean brushes and equipment with warm, soapy water and rinse with clean water immediately after use. If spilled, Sadolin Decking Stain and Preserver should be removed immediately while still wet, using clean water.
Storage	The container should be resealed after use and stored tightly closed to prevent evaporation of the product and entry of air. Store in cool, dry, frost-free conditions.
Relevant Standards	BS 6150: 2006 - Code of practice for painting of buildings. BS 8000: Part 12 : 1989 - Workmanship on building sites. Code of practice for decorative wallcoverings and painting. BS EN 927-1 : 1997 - Coating materials and coating systems for exterior wood Part 1: Classification and selection. BS EN 335-2: 1992 - Durability of wood and wood based products - Definition of hazard classes of biological attack. Part 2: Application to solid wood. BS EN 350-2: 1994 - Durability of wood and wood-based products - Natural durability of solid wood. BS EN 351-1 : 1996 – Durability of wood and wood based products – Preservative treated solid wood. Part 1 – Classification of preservative penetration and retention. BS EN 599-1 : 1997 – Durability of wood and wood based products – Performance of preventive wood preservatives as determined by biological tests. Part 1 Specification according to hazard class. BS 8417 : 2003 – Preservation of timber. Recommendations (supercedes DD 239 : 1998). BS 1282 : 1999 – Wood preservatives. Guidance on choice, use and application. Information on British Standards can be obtained from the British Standards Institute, tel: 0208 996 9001.
Health, Safety and the Environment	
	It is the policy of Crown Paints to provide the highest standard of safety, health and environmental advice and information. To this end, material safety data sheets covering every product are supplied to our customers and are freely available to users on request, by contacting us on the number given below. The safety phrases on the containers and material safety data sheets should be read before using this product. Removal of lead paint. Take special precautions during the surface preparation of pre 1960's painted surfaces as they may contain harmful lead. Remove all such coating materials in accordance with the appropriate legislation. A guide on "How to remove old lead paint safely" is available via the British Coatings Federation Ltd. (Tel. 01372 360660). Surface Preparation and Applications. Treatments such as sanding and burning off, etc. of paint films may generate hazardous dust and/or fumes. Work in well ventilated areas. Use suitable personal respiratory equipment together with any other Personal Protection Equipment (PPE) as necessary. Environment --- Crown Paints are committed to achieving the highest standards of health and safety at work and to minimising any impact our operations and products may have on the quality of the environment. We will provide such information as is necessary to customers to ensure so far as is reasonably practicable that our products can be used, transported, stored and disposed of safely without risk to health or the environment. It is recommended that any waste material be taken to a household waste disposal site provided by your Local Authority. Do not empty waste materials into drains, watercourses or access routes to septic tanks. Customer Service details For help or more information contact our Customer Relations Team on 0844 7708 998. Before using this product please ensure you have the latest information. The above information is correct at the date of issue, Jan 2009.