

Sadolin Decking Stain & Preserver



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USES

A low build, water-borne, semi-transparent (ref. BS EN 927-1 : 1997) decorative timber preservative for providing protection against the weather and against certain biological agents, such as wood-destroying fungi and surface moulds. **Decking Stain & Preserver** is specifically formulated to provide a hard-wearing protection to exterior timber decking.

Sadolin Decking Stain & Preserver is effective on timbers for which a superficial application of preservative is required (ref. BS EN 351-1 : 1996), such as those in Durability Classes 4 or 5 (ref. BS EN 350-2 : 1994).

Sadolin Decking Stain & Preserver is not suitable for use as a penetrating treatment process. It is not suitable for use on decking which has been treated with a water-repellent preservative. *See existing coatings.

Properties

COMPOSITION

Acrylic resin, 3-iodo-2-propynyl butyl carbamate 0.3% w/w (3.1g/l) and Propiconazole 0.9% w/w (9.0g/l) dispersed in water.
HSE number 7720.

COATING SYSTEM

Up to three coats by brush.

FINISH

Matt.

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 strongly recommended prior to the commencement of work.

RECOMMENDED APPLICATION RATE

Smooth softwood or hardwood: 12-14 m² per litre.

Sawn softwood or hardwood: 4-6 m² per litre.

This figure is 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.

DRYING TIME (@20°C/65%RH)

Touch dry : 2 hours.

Recoat after 4 to 6 hours.

Note: Drying times are dependent upon absorption of substrate and drying conditions. Minimum recommended application temperature 8°C. At low temperatures and/or conditions of high relative humidity, drying periods will be extended.

VOC CONTENT

Minimal VOC (Volatile Organic Compounds) content.

Colour Range

4 standard shades.

Packaging/Can size

Sadolin Decking Stain & Preserver is available in 2.5 and 5 litre cans.

General Information

Apply all products in accordance with BS 6150: 1991 and BS 8000 : Part 12 : 1989 (see Standards section).

Every care is taken to ensure that the information provided in this technical data sheet is accurate. **Akzo Nobel Specialist Coatings** are unable to guarantee results as we have no control over the conditions under which our products are applied.

For further help and information contact the Technical Advice Centre on 01480-496868. Before using this product ensure that you have the latest information available. The information above is correct at the date of issue, January 2005.

Preparation

GENERAL

Timber surface must be suitably prepared, clean and dry, with dust, dirt, wax and grease removed. The timber should be allowed to acclimatise to its end-use environment. The moisture content should not exceed 18% prior to coating. Hard crystallised resin at the surface of the timber should be removed with a scraper. Remove any decayed areas and replace with new timber.

Timber in ground contact (e.g. fence posts) should be preservative pretreated in accordance with the relevant standards. Remove any surface salts left after preservative treatment, with clean water.

Allow to dry fully.

DAMAGE OR DECAY

All damaged or decayed timber must be removed and replaced, cutting at least 25mm into sound timber. We do not recommend the use of wood hardeners.

EXISTING COATINGS

Decking Stain & Preserver is not suitable for use on surfaces where a higher build finish has been used previously.

Any loose material, including grey or weathered timber fibres, should be removed using a stiff (non-metallic) bristle brush. Any mould and algal growth must be eradicated using a suitable fungicide/algicide. Wash surfaces with water and a mild detergent to achieve a clean surface. Rinse thoroughly and allow to dry completely. This operation should be carried out immediately prior to the application of coatings.

*On timber previously treated with creosote or other 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 **Decking Stain & Preserver** should be satisfactory. Vigorously clean the timber using a stiff bristle (non-metallic) brush, to remove any loose, greyed or weathered fibres.

Application

CONDITIONS

Do not apply if there is a risk of rain, or when air/substrate temperatures are below 8°C or above 25°C during application or drying periods. Protect from frost and rain until dry.

Failure to meet these requirements may adversely affect the drying, visual quality, durability of the finish and protection afforded by the preservative.

INITIAL PROCEDURE

Ensure product is thoroughly stirred before and during application. **Decking Stain & Preserver** is supplied ready for use. Do not thin

APPLYING THE PRODUCT

For best results use a good quality synthetic-fibre brush specifically designed for the application of water-borne products.

Apply at least 2 coats of **Sadolin Decking Stain & Preserver**. A third coat may be applied; the number of coats used will determine depth of colour, the level of protection and durability achieved. All surfaces should be treated, paying special attention to end grains (ensure the end grains are treated to saturation by applying several coats 'wet on wet' until the end grain refuses to absorb any more). Ensure that new components receive at least the first coat all round prior to installation.

To ensure best results and to avoid unsightly overlaps apply the coating along the full length of no more than two boards at a time. Avoid overbrushing, as this can create brushmarks and will reduce the protection afforded. Allow a minimum of 4 to 6 hours between coats. **Decking Stain & Preserver** incorporates UV-active technology – allow 7 days for optimum durability to be achieved.

CLEANING EQUIPMENT

Brushes should be cleaned immediately after use with warm, soapy water, and then rinsed thoroughly with clean water. If spilled, **Decking Stain & Preserver** may be removed immediately while still wet, using warm, soapy water.

STORAGE

The can should be resealed after use and stored tightly closed to prevent evaporation of the product and entry of air. Avoid the inclusion of a greater proportion of air to the product. It should be noted that even if there is a higher proportion of product to air in the container, once opened the shelf life of the product is unpredictable. Store in cool, dry, frost-free conditions.

FUTURE MAINTENANCE

The period between maintenance applications will vary and is dependent upon the level of foot traffic, the degree of exposure, elevation, design of the component, quality of timber and original application. The need for maintenance is indicated by a lightening in colour as the coating erodes, and a loss of water repellency. For subsequent maintenance see "Existing Coatings" section overleaf.

Standards

BS 6150: 1991 - 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 - Guide to the application of hazard classes 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

Safety, Health and Environment

Sadolin is a brand of **Akzo Nobel Specialist Coatings**, a division of **Akzo Nobel Decorative Coatings Limited**. It is the policy of **Akzo Nobel Specialist Coatings** to provide the highest standard of safety, health and environmental advice and information.

To this end, material safety data sheets covering every **Akzo Nobel Specialist Coatings** product are supplied to our customers and are freely available to users on request, by contacting us on the number given below.

Removal of lead paint. Determine whether the paint concerned contains 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).

Removal of coatings (general). 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) protective equipment, as necessary.

The safety phrases on the containers and material safety data sheets should be read before using this product.