

TECHNICAL DATA SHEET



OUTDOOR VARNISH

A solvent based clear varnish, specifically formulated with no pigment content to enhance the natural beauty of windows, doors and conservatories. Incorporating advanced UV filters which help provide a weatherproof protective coating that offers tough protection. It can be used on it's own to maintain the existing colour of new wood, or as a maintenance coat to retain the existing colour depth of previously stained wood. Can also be used in conjunction with **Sadolin Classic** on new timber when colour is required.

AVAILABILITY	
Colour range	Clear
Packaging	750L and 2.5L
PROPERTIES	
Suitable Surfaces	Windows, doors, conservatories, cladding, fascias and soffits
Drying time @ 20°C/65% RH	Touch dry 4-6 hours. Recoat 16-24 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	Clear Matt or Satin
Composition	Binder: Alkyd resin with advanced UV filters Thinner: Dearomatised white spirit
Spreading rate	Up to 15m ² 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	67 micrometres at 15m ² per litre
Dry film thickness	32 micrometres at 15m ² per litre
Volume solids	48%
Flash point	40°C (closed cup)
VOC content	EU limit value for this product (cat.A/e): 400 g/l (2010) This product contains max. 399 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 or above 25°C or when the relative humidity is above 80% during application or the drying period. Do not use on substrates previously coated with water repellent preservative treatments. The use of linseed oil putty or modified, non setting compounds are not recommended with our Sadolin products. Sadolin Outdoor Varnish 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 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



P O Box 37, Crown House, Hollins Road, Darwen, Lancashire, BB3 0BG. Tel: 01254 704951

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	or scratch across surfaces. Remove dust. "Knotting agents" should not be used with Sadolin systems. Use Sadolin Woodfillers 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	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 with two liberal coats of Sadolin Wood Preserver paying particular attention to end grains. Allow 24 hours before overcoating. Where possible, the basecoat, Sadolin Outdoor Varnish , should be applied, all round, prior to fixing.
Previously Coated Timber	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. 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 solution and removed. Remaining sound surfaces should be cleaned with warm water and mild detergent, rinse thoroughly with clean water and allow to dry. Lightly abrade in the direction of the grain, taking care not to break the surface coating. Remove dust. Localised damage, or severe deterioration of coating requires thorough sanding back to sound substrate and recoated. If a coloured base stain is required in order to match the existing factory applied coating, use Sadolin Classic in the most appropriate colour. To ensure optimum durability and uniformity of appearance, we recommend the use of an overall coat of Sadolin Classic .
Colour guidance	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
COATING SYSTEM	On new wood: For a clear finish apply 3 coats of Sadolin Outdoor Varnish For a coloured base apply 1 coat of Sadolin Classic followed by 3 coats of Sadolin Outdoor Varnish On previously coated timber apply 2 coats of Sadolin Outdoor Varnish With certain substrates profiles and colours, it may be necessary to apply additional coats to achieve required colour
APPLICATION	Stir well before and during use. Use a good quality synthetic bristle brush. Apply in a full flowing coat maintaining a wet edge. Ensure all surfaces, tops and bottoms of doors, end grains and undersides of cills are coated. Avoid overspreading.
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.



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CLEANING	Return surplus material to container. Clean with a proprietary cleaner immediately after use.
MAINTENANCE INFORMATION	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.
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. 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 sadolin.co.uk 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 5°C or above 40°C.
GENERAL INFORMATION	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: info@sadolin.co.uk website: www.sadolin.co.uk This information is correct at date of issue December 2021.



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