



Beautiflex™ Solvent Opaque Woodstain

Sadolin Beautiflex™ solvent borne opaque woodstain provides a beautiful, flexible finish for exterior wood. The microporous formulation works and flexes with the substrate, resisting cracking, peeling and flaking, which in turn provides long lasting protection for up to 7 years. **Sadolin Beautiflex™** offers a solid colour finish with excellent opacity, superb colour retention and superior weather resistance, particularly to UV and water. Highly durable and easy to apply, **Sadolin Beautiflex™** is the perfect solution for exterior wood protection. **Sadolin Beautiflex™** can be applied to new and previously painted or stained surfaces, and is ideal for use where a complete change of colour is required or where the existing surface has become weathered and uneven in appearance.

Properties	
Composition	Opaque and lightfast coloured pigments in alkyd resin, includes fungicide and a free radical scavenger for U.V. protection.
Coating System	2 / 3 coats depending on the finish and depth of colour required.
Finish	Satin.
Recommended Application Rate	Up to 15m ² per litre on smooth planed timber. Up to 8m ² per litre on rough sawn wood. 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 67 micrometres @ 15m ² per litre on non-absorbent surfaces.
Dry Film Thickness	Approximately 32 microns @ 15m ² per litre
Drying Time @20°C/65%RH	Touch dry : 4-6 hours. Recoatable : 16-24 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 47%
VOC Content	EU limit value for this product (cat. A/ e): 400 g/l (2010). This product contains max 399g/l VOC.
Flash Point	40°C (closed cup)
Colour Range	
	3 standard colours and 42 tinted colours.
Container Size	
	Sadolin Beautiflex™ is available in 1 & 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 and dry. The moisture content should not exceed 18% prior to coating. Resinous deposits should be removed. Degrease any exposed bare timber surface by wiping with a cloth dampened with methylated spirits. "Knotting agents" should not be used with Sadolin opaque systems. Fillers specifically designed for use with timber such as Sadolin woodfillers should be used for making good any minor surface defects, imperfections and open joints etc. General or All Purpose fillers are not suitable. Only use non - ferrous screws, nails and fixings. On certain substrates and when overcoating dark shades with pale shades, it may be necessary to apply an additional coat to achieve full coverage.
New Timber	Any non preservative treated softwood timber should be treated with two liberal coats of Sadolin Ultimate Wood Treatment or Sadolin Wood Preserver , paying particular attention to end grains, allowing 24 hours drying time between coats and before overcoating with Sadolin Beautiflex™ . Do not use Sadolin Beautiflex™ on substrates which have had water-repellent preservative treatments applied. Where possible, the base coat should be applied all round prior to fixing.
Base Stained / Primed Joinery	Lightly abrade, in the direction of the grain. Do not break through the surface coating. Remove all dust. Note: Where there is localised damage, or deterioration has occurred as a result of exposure of a factory applied coating for longer than 3 months, affected areas should be thoroughly sanded back to a sound substrate and recoated. To ensure optimum durability and uniformity of appearance, we recommend finishing with a minimum of 2 full coats Sadolin Beautiflex™ .

Glazing	
	The backs of new glazing beads, end grains and rebates should be brought to a finish with Sadolin Beautiflex™ prior to fixing. Joinery to be coated with Sadolin Opaque systems should be glazed using a suitable sealant. The use of linseed oil putty or modified, non-setting compounds are not recommended in conjunction with our wood protection systems. To confirm compatibility, please consult the manufacturer of the relevant glazing material. Silicone glazing materials should only be applied upon completion of the finishing coats.
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 or the relative humidity is above 80% 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 Beautiflex™ is supplied ready for use. Do not thin.
Applying the Product	Sadolin Beautiflex™ should be applied in a full flowing coat ensuring all surfaces and end grains are fully coated. For best results use a good quality, long haired synthetic brush. Pay special attention to end grain, tops and bottoms of doors, and undersides of cills. Following surface preparation in accordance with the manufacturers recommendations, finish with a minimum of two full coats of Sadolin Beautiflex™ allowing a minimum of 16-24 hours drying between coats.
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 coat of Sadolin Beautiflex™ . Finish with 1 or 2 coats of Sadolin Beautiflex™ as required.
Cleaning Equipment	Clean brushes and equipment with a proprietary brush cleaner immediately after use. If spilled, Sadolin Beautiflex™ should be removed immediately while still wet, using clean white spirit.
Storage	Ensure this pack is stored upright and secure at all times. Crown Paints Limited cannot accept liability for damage caused by spillage. Do not store below 5°C or above 40°C.
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 6262: 1982 Glazing for buildings. BS 8000-7: 1990 - Workmanship on Building Sites. Code of practice for glazing. 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. Information on British Standards can be obtained from the British Standards Institute, tel: 0208 996 9001.
Safety, Health and 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 0330 0240 298. Before using this product please ensure you have the latest information. The above information is correct at the date of issue, September 2015.