

# TECHNICAL DATA SHEET



## BEAUTIFLEX® WOODSTAIN

A solvent based opaque woodstain providing a beautiful, flexible finish for exterior wood, including decking. 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\*. It is ideal for use where a complete change of colour is required or where the existing surface has become weathered and uneven in appearance.

AVAILABILITY	
Colour range	Refer to current Sadolin Literature.
Packaging	1L and 2.5L
PROPERTIES	
Suitable Surfaces	Windows, doors, conservatories, soffits, fencing, cladding, fascias and decking
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	Satin On application the product will appear glossy but will matt off as it cures
Composition	Pigment: Titanium Dioxide and lightfast colour pigments Binder: Alkyd resin Thinner: Dearomitted white spirit. Additives: fungicide and a free radical scavenger for UV protection
Spreading rate	Up to 15m <sup>2</sup> per litre on smooth planed timber Up to 8m <sup>2</sup> per litre on rough sawn 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 <sup>2</sup> per litre
Dry film thickness	29 micrometres at 15m <sup>2</sup> per litre
Volume solids	44%
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 5°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. <b>Sadolin Beautiflex</b> is supplied ready to use and should not be thinned.
PREPARATION	



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General Timber Advice	<p>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 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	<p>All surfaces must be sound, suitably dry and free from anything that will interfere with the adhesion of the materials to be applied. Treatment of resinous knots is recommended prior to application by drilling out and filling or the application of an appropriate blocking primer. Coat any non treated wood with two liberal coats of <b>Sadolin Wood Preserver</b> paying particular attention to end grains. Allow 24 hours before overcoating. Where possible, the basecoat, <b>Sadolin Beautiflex</b>, should be applied, all round, prior to fixing.</p>
Previously Coated Timber	<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. Grey denatured timber should be mechanically sanded back to clean, bright timber, and treated as new. Organic growths should be treated with a suitable fungicidal wash and removed. Remaining sound surfaces should be cleaned with a 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. Bare timber should be patched primed with <b>Sadolin Beautiflex</b>.</p>
<b>COLOUR GUIDANCE</b>	<p>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 2 coats.</p> <p>With certain substrates profiles and colours, it may be necessary to apply additional coats to achieve required coverage</p>
<b>APPLICATION</b>	<p>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, including end grains, tops and bottoms of doors, and undersides of cills are coated.</p>
<b>DECKING*</b>	<p><b>PREPARATION:</b> Prepare as per new or previously decorated instructions. For best results decking boards should be coated all round prior to fixing, paying special attention to freshly sawn end grains which should be coated in <b>Sadolin Wood Preserver</b>.</p>



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	<p>APPLICATION: on new decking use 3 coats of <b>Sadolin Beautiflex</b>, on previously coated, spot prime all bare areas with 1 coat followed by 2 coats overall.</p> <p>*Due to the nature of different surfaces up to 7 years protection excludes decking.</p>
<b>GLAZING</b>	<p>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.</p>
<b>CLEANING</b>	<p>Return surplus material to container. Wash tools &amp; equipment with a proprietary cleaner immediately after use.</p>
<b>MAINTENANCE INFORMATION</b>	<p>Maintenance requirement is indicated by lightening of colour, reduction in sheen or loss of water repellence.</p> <p>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.</p>
<b>HEALTH AND SAFETY</b>	<p>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.</p> <p>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></p> <p>Do not empty into drains, watercourses or access routes to septic tanks.</p>
<b>STORAGE</b>	<p>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.</p>
<b>GENERAL INFORMATION</b>	<p>Apply all products in accordance with:</p> <p>BS EN 927-1: Coating materials and coating systems for exterior wood. Classification and selection.</p> <p>BS 6150: Painting of buildings. Code of practice.</p> <p>BS 8000-12: Workmanship on construction sites. Code of practice for decorative wallcoverings and painting</p> <p>BS 8000-7: Workmanship on construction sites. Code of practice for glazing</p> <p>BS EN 335: Durability of wood and wood based products. Use classes: definitions, application to solid wood and wood based products.</p> <p>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.</p> <p>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.</p> <p>Before using this product, please ensure you have the latest information. For help or more information contact the Sadolin Customer Relations Team on:</p> <p>Tel: 0330 024 0298</p> <p>e-mail: <a href="mailto:info@sadolin.co.uk">info@sadolin.co.uk</a></p> <p>website: <a href="http://www.sadolin.co.uk">www.sadolin.co.uk</a></p> <p>This information is correct at date of issue December 2021.</p>



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