

FLEXARB OPAQUE FINISH

Is a solvent based opaque, flexible, medium solids coating for the decoration and protection on most exterior wood surfaces, including doors, windows, fencing and cladding. This water repellent, microporous system moves with the wood substrate as it expands and contracts, maintaining a smooth surface resistant to cracking, peeling and flaking.

AVAILABILITY	
Colour range	Black & brown
Packaging	1 litre, 5 litres
PROPERTIES	
Suitable Surfaces	External, fencing, cladding, fascias, soffits, windows, doors and conservatories.
Drying time @20°C/65% RH	Touch dry 4-6 hours. Recoat 16-24 hours. Dependent upon absorption of substrate
Finish	Satin.
Composition	Pigment: Coloured pigments
	Binder: Alkyd resin
	Thinner: Dearomatised white spirit.
Spreading rate	Up to 15m ² per litre on smooth planed timber
	Up to 7m ² per litre on rough sawn timber
Wet film thickness	66 micrometres at 15m ² per litre
Dry film thickness	33 micrometres at 15m ² per litre
Volume solids	50%
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 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 Crown Trade products. Crown Flexarb Opaque Finish 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 cloth dampened with methylated spirits. "Knotting agents" should not be used with Crown Woodcare 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. 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 Crown Flexarb Opaque Finish should be satisfactory.

TECHNICAL DATA SHEET



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, Crown Flexarb Opaque Finish , 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. Organic growths should be treated with Sandtex Trade Fungicidal Solution and removed. Grey denatured timber should be thoroughly sanded back to clean, bright timber. For weathered rough sawn timber, brush down the surface with a stiff nylon brush to remove loose debris. Remaining sound surfaces should be cleaned with a warm water and mild detergent, rinse thoroughly with clean water. 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 1 coat of Crown Flexarb Opaque Finish . Allow to dry.
COATING SYSTEM	Apply 2 coats. With certain substrates profiles and colours, it may be necessary to apply additional coats to achieve required colour Always intermix (box) packs for colour consistency. Please check for colour accuracy prior to application. Crown Paints is not liable for decorating costs caused as a result of an incorrect colour being applied.
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, and undersides of cills are coated. Ensure end grains and sawn timbers are coated to saturation. 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.
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 repellency. Between maintenance redecoration, surfaces may be washed with a warm water and liquid detergent solution to remove surface dirt.
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 Crown Woodcare products are freely available from the place of purchase or the address or website below. 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.



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GENERAL INFORMATION

Apply all products in accordance with:

BS 6150: 2006 Code of practice for painting of buildings

BS 8000: Part 12: 1989 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.

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 Crown Trade Customer Relations Team on:

Tel: 0330 024 0297

Fax: 0330 0240278

e-mail: info@crowntrade.co.uk

website: www.crowntrade.co.uk

This information is correct at date of issue November 2021



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