

# Opaque Brush applied Coating

## Rubbol BL Satura

SIKBL5



A high build, water-borne, opaque satin finish coating (ref: BS EN 927-1 : 1997) for the protection and decoration of exterior and interior timber joinery and trim.

It can also be used as a two-coat finish on hard plastics, primed with Rubbol BL Primer.

Rubbol BL Satura is not suitable for use on floors or exterior timber decking.

### Properties

**Composition**  
**Coating System**

Acrylic and polyurethane resins dispersed in water.

Two coats onto suitably primed surfaces (refer to table). When using on bare external timbers, always apply in conjunction with Rubbol BL Primer or Cetol BL Primer (see below).

**Finish**

Opaque satin

As with most water-borne coatings, the final colour and sheen level do not develop until Rubbol BL Satura is fully dry. A trial application is strongly recommended prior to the commencement of work.

**Recommended application rate**

10–12 m<sup>2</sup>/litre

These figures are intended as a guide. The actual coverage will depend on a number of factors, including surface condition, moisture content, method of application, climatic conditions during application, and presence of other coatings.

**Min. Wet Film thickness**

90–100 micrometres per coat on non-absorbent surfaces

**Dry Film thickness**

Approximately 30–35 micrometres per coat

**Drying Time (@20°C/65%RH)**

Touch dry: 2 hours. Recoatable after 5-6 hours

### Note:

*Drying times are dependent upon absorption of substrate, temperature and relative humidity levels. At low temperatures and/or conditions of high relative humidity, drying periods will be extended.*

**Volume solids**

Approximately 35% by volume

**Volatile Organic Compound**

EU Limit value for this product (cat. A/d) : 150g/l (2007) / 130g/l (2010). This product contains max 130g/l VOC.

### Colour Range

White and a range of tinted colours from the 4041, RAL, BS 4800 and NCS colour collections

### Packaging/Can Size

Tinted colours in 1 and 2.5 litres and White available in 1, 2.5 and 5 litres

### Preparation

**General** – Ensure the timber surface is suitably prepared, clean and dry, with dust, dirt, wax and grease removed and allowed to acclimatise to its end-use environment. The moisture content should not exceed 18% prior to coating (14% for interior surfaces). Bare substrate surfaces should be coated with a suitable Sikkens primer prior to using Rubbol BL Satura. The table below details the appropriate system for common substrates. Refer to the primer data sheet for further information.

Interior	Primer for new/bare areas / No. coats			Finish / No. coats
	Rubbol BL Primer	Redox AC Multi Primer	Redox AK Primer	Rubbol BL Satura
Timber	1			2
Ferrous Metals			2	2
Non-Ferrous Metals		1		2
Hard plastics	1			2
Sound Rubbol BL Coating				1 (no colour change) 2 (change in colour)
Other Sound Coatings	1			2
Exterior	Primer for new/bare areas			Finish / No. coats
	Cetol BL Primer	Redox AC Multi Primer	Redox AK Primer	Rubbol BL Satura
Timber	1-2			2
Ferrous Metals			2	2
Non-Ferrous Metals		2		2
Hard plastics		2		2
Sound Rubbol BL Coating				1 (no colour change) 2 (change in colour)
Other Sound Coatings	1			2

**Base stained/primed**

Denib using a fine grade nylon abrasive pad or a fine grade (P240 or finer) wet or dry silicon carbide abrasive paper, 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 the factory coating for longer than 3 months, affected areas should be thoroughly sanded back to a sound substrate.*

**Damaged or decayed timber**

All damaged or decayed timber must be removed and replaced, cutting at least 25mm into sound timber. When splicing in new sections consider whether the timber species' natural durability is sufficient. Brush apply two coats of Cuprinol Trade Wood Preserver Clear (T) to saturation. Thoroughly treat timbers, especially end grain sections, and ensure they are fully dry before splicing in. Secure with non-ferrous fixings and fill all voids surrounding the spliced-in area with the Componex WR Primer/Filler system.

### Product 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 and durability of the finish.

Initial procedure	Ensure product is thoroughly stirred before and during application, otherwise sheen and colour variations may be experienced. <b>Rubbol BL Satura</b> 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 product in a full flowing coat, laying off in the direction of the grain. Use the minimum number of brushstrokes required for an acceptable finish. Avoid overbrushing, which creates brush marks and produces a poor quality finish. Coating system durability can be improved by use of end grain sealers.
Cleaning equipment	<b>Rubbol BL Satura</b> is a two-coat finish onto suitably primed surfaces, however when white or pale colours are being applied over a black or dark substrate, a third coat may be necessary. After applying one coat allow a minimum of 5–6 hours drying time before overcoating. On new work, where practical the first coat should be applied all round prior to fixing. Pay special attention to exposed end grain, tops and bottoms of doors, and undersides of cills. Where appropriate (e.g. windows and doors), carefully denib the coat using a fine grade nylon abrasive pad or a fine grade (P240 or finer) wet or dry silicon carbide abrasive paper. Remove all dust. Subsequent coatings should be applied as soon as possible after the previous coat has dried, but no sooner than 6 hours, in order to provide full protection. In any event this period should not extend beyond three months, otherwise additional preparation and coating may be necessary. If applied to exterior wood and the contract is of long duration, it is suggested that a further coat be applied prior to hand over to make good any weathering during the construction period.
Storage	Brushes should be cleaned immediately after use with warm, soapy water, and then rinsed thoroughly with clean water. If spilled <b>Rubbol BL Satura</b> may be removed immediately while still wet, using warm, soapy water. Reseal can after use and store tightly closed to prevent evaporation of the product and entry of air. Avoid including a greater proportion of air to the product. Please note that even if there is a higher proportion of product to air in the can, once opened, the shelf life of the product is unpredictable. Store in cool, dry, frost-free conditions.
Maintenance of existing coatings	The period between maintenance applications will vary and is dependent upon 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 and reduction in sheen as the coating erodes, and a loss of water repellency. Any loose, flaking coating should be removed using a scraper and abrasive paper. Any other loose material should be removed using a stiff (non-metallic) bristle brush. Eradicate any mould and algal growth 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. Sound coatings should be abraded using a medium grade abrasive paper to provide a suitable surface "key". Bare timber should be patch primed with one coat of the appropriate Sikkens Primer (depending on the location - see table overleaf) <b>Exterior</b> – Fill joints and defects with <b>Componex WR Primer/Filler</b> and/or <b>Kodrin Spachtel</b> . Apply one full intermediate coat of <b>Cetol BL Primer</b> , followed by one full coat of <b>Rubbol BL Satura</b> to all surfaces. N.B. Two coats will be required when there is a significant colour change. For <b>Rubbol BL</b> coatings in a sound condition, only one coat of <b>Rubbol BL Satura</b> is normally required. For all other coatings, or if the finish has become heavily eroded, or a significant colour change is required, two coats of <b>Rubbol BL Satura</b> will be necessary. Coatings in a poor condition should be removed completely. If excessive weathering has occurred giving exposed timber a grey appearance, the surface must be thoroughly sanded back to clean, bright timber and then treated as "New timber" (See preparation overleaf).
Glazing	The backs of beads, end grains and rebates should receive at least one coat of <b>Cetol BL Primer</b> or <b>Rubbol BL Primer</b> . Joinery to be coated with <b>Rubbol BL Satura</b> should be glazed with a suitable sealant in accordance with section 4.2 of the Glass and Glazing Federation manual together with BS 8000 : Part 7 : 1990 and BS 6262 : 1982. We do not recommend the use of linseed oil putty or modified non-setting compounds in conjunction with our wood protection systems, as the long-term performance of these compounds is inferior. 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.
General Information	Apply all products in accordance with BS 6150: 2006 and BS 8000 : Part 12 : 1989 (see "Standards" section). Coating system durability can be improved by the use of end grain sealers. Every care is taken to ensure that the information provided in this technical data sheet is accurate. <b>AkzoNobel Group of Companies</b> 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 <b>0800 052 2121</b> . Before using this product ensure that you have the latest information available. The information above is correct at the date of issue.
Standards	<b>BS 6150 : 2006</b> – Code of practice for painting of buildings <b>BS 8000 : Part 12 : 1989</b> – Workmanship on building sites. Code of practice for decorative wallcoverings and painting <b>BS EN 927-1 : 1997</b> – Coating materials and coating systems for exterior wood Part 1: Classification and selection <b>BS 6262 : 1982</b> – Glazing for buildings <b>BS 8000 : Part 7 : 1990</b> – Workmanship on Building Sites. Code of practice for glazing <b>BS EN 335-2 : 1992</b> – Guide to the application of hazard classes to solid wood <b>BS EN 350-2 : 1994</b> – 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.
Health, Safety and Environmental issues	It is the policy of <b>AkzoNobel Group of Companies</b> to provide the highest standard of information and to this end, material safety data sheets covering every <b>AkzoNobel Group of Companies</b> product are supplied to our customers and are freely available on request.
Removal of lead paint	Special precautions should be taken during the preparation of pre-1960s paint surfaces as they may contain harmful lead. 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. The safety phrases on the containers and material safety data sheets should be read before using this product.
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*Cuprinol Trade Wood Preserver Clear (T) contains iodopropynyl butyl carbamate and propiconazole. Use biocides safely. Always read the label and product information before use.*