

Opaque Coating

Brush applied

Rubbol XD Gloss

SIKRXD



An exceptionally durable high build, high gloss, solvent-borne opaque coating (ref: BS EN 927-1 :1997) for exterior and interior timber joinery and trim, suitably primed metals and hard plastics. **Rubbol XD Gloss** is not recommended for use indoors as its drying times may be extended.

Properties

Composition	Patented styrene acrylic reinforced resin dissolved in white spirit.
Coating system	Timber: One coat of Rubbol Primer plus or Onol Express Primer/Undercoat followed by two coats of Rubbol XD Gloss . Where optimum gloss is required (i.e. a mirror-like finish), the use of Kodrin Spachtel is recommended, particularly on open grained timbers. Ferrous metals: Two coats of Redox AK Primer followed by two coats of Rubbol XD Gloss . Non-ferrous metals and hard plastics: Two coats of Redox AC Multi Primer followed by two coats of Rubbol XD Gloss .
Finish	Opaque high gloss. As with most coatings the final colour and sheen do not always develop until the coating is fully dry. A trial application is strongly recommended prior to the commencement of work.
Recommended Application Rate	12-14 m ² /litre (approximately) on smooth surfaces. This figure is intended as a guide. The actual coverage will depend on a number of factors, including, surface condition, method of application and climatic conditions during application.
Min. Wet Film thickness	70 micrometres per coat.
Dry Film thickness	Approximately 45 micrometres per coat.
Drying time (@20°C/65%RH)	Dust dry: Approx 3 hours. Touch dry: 6-7 hours. Recoatable after 24 hours.
Note:	<i>Drying times are dependent upon absorption of substrate and drying conditions. Minimum recommended application temperature 5°C. At low temperatures and/or conditions of high relative humidity, drying periods will be extended.</i>
Volume solids	Approximately 65-69% depending on colour. VOC 2010 compliant
Volatile Organic Compound	EU Limit value for this product (cat. A/d) : 400g/l (2007) / 300g/l (2010). This product contains max 300g/l VOC.
Colour Range	Black, White and a range of tinted colours from the BS, RAL, NCS and ACC colour ranges.
Packaging/Can Size	Rubbol XD/XD Gloss is available in 1 and 2.5 litre cans, depending on colour.
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. Degrease any exposed bare timber surface by wiping with a cloth dampened with a suitable solvent. Certain timber species contain high levels of natural wood extractives or exudates and some softwood can be highly resinous. Resinous deposits should be removed with a scraper. Any remaining residues should be removed using a lint-free cloth dampened with suitable solvent, frequently changing the face of the cloth. Allow solvent to evaporate fully before overcoating. The use of both eye and hand protection is strongly advised. Knotting may be used to reduce extractive discolouration, however, knotting is not always fully effective in "sealing in" resin. In addition, the adhesion of coatings can be impaired. When filling, be sure to use fillers specifically designed for use with timber. General or all purpose fillers are not suitable, particularly on external areas, as they cannot cope with timber movement and work loose.
New timber	Where a superficial application of preservative to softwood and hardwood is deemed necessary, such as timbers in Durability Class 3 or lower, use Cuprinol Trade Wood Preserver Clear (T) . For Class 4 (in ground contact) and 5 (marine) use pre-treated wood specific for these conditions. Preservative pre-treatments must be fully dry before the application of Rubbol XD Gloss . Do not use on substrates which have had water-repellent preservative pre-treatments applied. Where possible, the first coat should be applied all round prior to fixing. Bare timber should receive one coat of Rubbol Primer plus all round. On open grained timbers (e.g. oak, meranti, iroko) Rubbol Primer plus should be worked well into the grain before laying off. For optimum gloss Kodrin Spachtel should be used for grain filling.
Base stained/primed	Only use non-ferrous screws, nails and fixings. 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. To ensure optimum durability, we recommend the use of one coat of Rubbol Primer plus prior to finishing.
Note:	<i>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 and treated as "New timber".</i>
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 of timber, consideration should be given to the use of a timber species whose natural durability is sufficient. Brush apply two coats of Cuprinol Trade Wood Preserver Clear (T) to saturation. Ensure timbers are thoroughly treated, especially any end grain sections, and 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

Initial procedure

Applying the product

Cleaning equipment

Storage

Maintenance of existing coatings

Glazing

General Information

Standards

Health, Safety and Environmental Issues

Removal of lead paint

Removal of coatings (general)

Issue Date

Conditions: Do not apply if there is a risk of rain, or when air/substrate temperatures are below 5°C or above 30°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.

Ensure product is thoroughly stirred before and during application, otherwise sheen and colour variations may be experienced. We do not recommend thinning **Rubbol XD Gloss**. Excessive thinning will reduce opacity.

For best results use a good quality, long-haired, soft bristle brush.

Two coats of **Rubbol XD Gloss** should be applied, allowing a minimum of 24 hours drying time between coats. On new work, where practical, the first coat should be applied all round prior to fixing. Pay special attention to any areas of exposed end grain, tops and bottoms of doors, and undersides of cills. The second coat should be applied to all exposed surfaces, as soon as possible after the first coat has dried, but no sooner than 24 hours and within 48 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. If the second coat is not applied within 48 hours, light sanding with a medium grade abrasive, to provide a surface "key" will be required. Ensure all dust is removed. The product should be applied in a full flowing coat, laying off in the direction of the grain, using the minimum number of brushstrokes necessary to produce an acceptable finish. Avoid overbrushing, as this will reduce the protection afforded. Apply to a wet film thickness of approximately 70 micrometres. The wet film thickness should be greater than 65 micrometres but not more than 75 micrometres. This is important and should be checked using a wet film thickness gauge. (These are available free of charge by calling 0800 052 2121).

Clean brushes and equipment with a proprietary brush cleaner immediately after use. If spilled, **Rubbol XD Gloss** may be removed immediately while still wet using white spirit.

The can should be resealed after use and stored tightly closed to prevent evaporation of the product and entry of air. Avoid the inclusion of a greater proportion of air to the product. It should be noted that even if there is a higher proportion of product to air in the container, once opened the shelf life of the product is unpredictable. Store in cool, dry, frost-free conditions.

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 by use of a scraper and abrasive paper. Any other loose material should be removed using a stiff (non-metallic) bristle brush. Any mould and algal growth must be eradicated 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 **Rubbol Primer plus** or **Onol Express Primer/Undercoat**.

Bare ferrous metal - Patch prime with two coats of **Redox AK Primer**.

Bare non-ferrous metals and hard plastics - Patch prime with two coats of **Redox AC Multi Primer**.

Patch primed areas should be brought forward to an even overall film build with one coat of **Rubbol XD Gloss**.

If the existing finish is **Rubbol XD Gloss**, apply a further coat of **Rubbol XD Gloss** as described in the Application section. For other coatings, or if the finish has become heavily eroded or a colour change is required, two coats 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".

Any metal substrates in a seriously weathered condition should also be prepared back to bare metal and treated accordingly.

The backs of new beads, end grains and rebates should receive at least one coat of **Rubbol Primer plus** or **Onol Express Primer/Undercoat**. Joinery to be coated with **Rubbol XD Gloss** should be glazed with a suitable sealant in accordance with section 4.2 of the Glass and Glazing Federation manual together with BS 8000-7: 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.

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. **AkzoNobel Group of Companies** 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 **0800 052 2121**. Before using this product ensure that you have the latest information available. The information above is correct at the date of issue.

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	- Guide to the application of hazard classes 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.

It is the policy of **AkzoNobel Group of Companies** to provide the highest standard of information and to this end, material safety data sheets covering every **AkzoNobel Group of Companies** product are supplied to our customers and are freely available to users on request.

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).

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.

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For more information contact Technical Advice Centre on 0800 052 2121 or email us at sikkens.advice@akzonobel.com web: www.sikkens.co.uk