



TECHNICAL DATA SHEET

Rubbol Primer plus

Description

Air drying solvent-borne opaque primer/undercoat for exterior use.

Main properties / U.S.P.s

GENERAL

Easy to sand

Easy application properties

Good hiding power

Good adhesion on various substrates

Good outdoor durability when used as part of an approved system

Use

As primer/undercoat on stable and semi-stable wood constructions. Very suitable for wood with pores, cracks and joints. Rubbol Primer plus is suitable as a mid-coat for metal protection on steel, pre-treated according to the prescribed system.

Gloss

App. 20 GU/60° (ISO 2813)

Color

White; colors from the 4041 Color Collection and RAL color collection via 3 base paints

Density

Approx. : 1,35 – 1,40 kg/dm³ for white

Solids content depending on color

By weight : Approx. 70-80%

By volume : Approx. 60-66%

Volatile Organic Compound

EU limit value : (cat: A/d):300g/l (2010).

Rubbol Primer plus : contains max 300 g/L VOC

Drying at 23°C/50% RH

Dust dry : after approx. 1-2 hours

Dry to handle : after approx. 2-3 hours

Recoatable : after approx. 18 hours

Dry to stack : after approx. 24 hours

Outdoor durability

Good, in two coats system can be left for one year before finishing

Durability depends greatly on quality of substrate, the quality of the construction and glass setting as well as the quality of the indoor paintwork.

SYSTEM SPECIFICATION

Timber surface must be abraded, clean and dry, with dust, dirt, wax and grease removed. Mould and algal growth must be eradicated using a suitable solvent. The moisture content of the timber must not exceed 18%. This figure will be 14% or lower for interior timbers.

Degrease any exposed bare timber surface by wiping with a cloth dampened in a suitable solvent. Any hard crystallised resin at the surface of the timber should be removed with a scraper. Remaining resinous residues may be removed using a suitable solvent. Knotting may be used to reduce extractive discolouration, however, knotting is not always fully effective at sealing in resin. In addition, the adhesion of subsequent coatings may be impaired. Where a superficial application of preservative to softwood and hardwood is deemed necessary, such as timbers in Durability Class 3 or lower, use Cuprinol Wood Preserver Clear^{BP}. Not suitable for use on timbers in Class 4 (in ground contact) and 5 (marine) locations.

Preservative pre-treatments must be fully dry before the application of Rubbol Primer plus. 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. Only use non-ferrous screws, nails and fixings.

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 Wood reserver Clear (BP) 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 a suitable repair compound such as Dry-Flex from Repair Care.

Use: Primer/undercoat for timber. Also as an undercoat on suitably prepared and primed metals and hard plastics.

APPLICATION INFORMATION	
Application conditions	Temp. : 5 to 30°C R.H. : Up to 90%
Application methods	Brush or roller only. For Health & Safety reasons application by spray in not recommended. Product is ready for use and should not be thinned
Cleaning of equipment	White spirit or proprietary brush cleaner
Advised layer thickness At 20°C/65% RH	Dry : 35 - 45 microns Wet :60 - 70 microns
Theoretical coverage	Approx. : 15 – 16* m ² /L at a dry film thickness of 40 microns. *maximum level is rounded off from 16,5 m ² /L
Practical coverage	Approx. : 13* - 15 m ² /L (Approx. 10% loss if applied by brush). *maximum level is rounded off from 16,5 m ² /L. Practical coverage also depends from the structure of the substrate.

HEALTH & SAFETY INFORMATION

Always read full Health, Safety & Environmental Information on can before use. Safety datasheet is available free on request.

ADDITIONAL INFORMATION

Product available in White and Tinted Colours

Packaging size	1 L, 2,5 L and 5L
Shelf life	Minimum 24 months in original and unopened packaging,
Storage conditions	Store in dry conditions at temperatures between 5 – 30°C
Production location	029 – Groot-Ammers

The effectiveness of our product and systems is based on years of practical experience and research in our laboratories. We guarantee that the quality of the work on which our products are used meets the qualifications (Akzo Nobel Decorative Coatings bv) has promised, provided that all instructions given by us are correctly followed and the work has been carried out according to good craftsmanship. In case the end result has been influenced negatively by circumstances beyond our control, any and all liability are expressly excluded and disclaimed. Purchaser needs to check whether the delivered products are fit for the intended use. As soon as a new version of this (technical data sheet) is available, this one will no longer be valid.