



## Technical Data Sheet

TDS for internal company  
use only

**Description**

### Rubbol BL Satura

Waterborne opaque satin gloss scratch finish for exterior and interior use.

Available in RM and MM quality.

**Main properties / U.S.P.'s**

#### GENERAL

Good application properties (almost identical to alkyd paints)

Long open time

Excellent leveling

Fast drying

High opacity

Very good mar and abrasion resistance

Low odor

Non-yellowing

VOC, less than 100 g/L

Good filling properties

Non flammable

Unsaponifiable

**Use**

As mid-coat and satin gloss finish for wooden window frames, doors and other wooden structure. Can also be applied to cleaned and sanded alkyd paint surfaces, for indoor use. For outdoor applications always in conjunction with a waterborne primer.

**Selling profit Centers**

International product, sold in;

Belgium and the Netherlands

**Gloss**

Approx. : 20 - 30 GU/60° /ASTM D532

**Color**

White and most of the colors from the 3031 collection

**Density**

Approx. : 1,27 kg/dm<sup>3</sup> (White)

**Packaging viscosity**

Approx. : 85 - 95 KU, at 25°C (depends on color)

**Solids content depending  
on color**

By weight : Approx. 50%

By volume : Approx. 35%

**Volatile Organic Compound**

Approx. : 96 grams / Liter in white

: 80 grams / Liter in color

**Drying at 20° C / 65% RH**

Dust dry : after approx. 1 hours

Dry to handle : after approx. 2 hours

	Recoatable : after approx. 5 - 6 hours
	Dry to stack : after approx. 24 hours
<b>Erichsen elasticity</b>	After drying for 90 hrs at 50°C approx.: -- mm (depends on color)
<b>Diffusion resistance</b>	μH <sub>2</sub> O: 23000 (for White) sd : 1,88 m
<b>Outdoor durability</b>	Good (4 – 5 years in sound system in combination with Rubbol BL Primer) Durability depends greatly on quality of substrate, the quality of the construction and glass setting as well as the quality of the indoor paintwork.
	<b>SYSTEM SPECIFICATION</b>
<b>Timber moisture content</b>	<b>Moisture of timber to be coated should not exceed 16%.</b>
<b>Timber quality</b>	Wooden window frames and front doors comply with KVT '95, 'Quality of wooden façade elements' and BRL 0801, 'Wooden façade elements'. Preserving of façade joinery must be performed according to BRL 2901 or BRL 2903.
<b>New of bare made wood, According to traditional methods;</b>	<b>Primer</b> Rubbol BL Primer <b>Midcoat</b> Fill joints and defects with Kodrin filler. Sand down surface and apply intermediate coat Rubbol BL Saturata <b>Finish coat</b> Sand down surface prior finishing with Rubbol BL Saturata
<b>New of bare made wood, following semi-industrial system with waterborne primer;</b>	<b><u>Treatment in joinery works only:</u></b> First layer Rubbol WP 160 (Dry layer thickness approx. 30 microns) Second layer Rubbol WP 160 (Dry layer thickness approx. 50 microns) <b><u>Treatment on site:</u></b> <b>Touch up</b> Treat eventual lacks with Rubbol BL Primer <b>Finish coat</b> Sand down surface prior finishing with Rubbol BL Saturata
<b>New of bare made wood, following semi-industrial system with alkyd resin based primer;</b>	<b><u>Treatment in joinery works only:</u></b> Prime with two layers of Rubbol SM 208 (Total dry layer thickness approx. 80 microns) <b><u>Treatment on site:</u></b> <b>Touch up</b> Treat eventual lacks with Rubbol BL Primer Sand and re-prime with one full coat of Rubbol BL Primer <b>Finish coat</b> Sand down surface prior finishing with Rubbol BL Saturata

**Wood, with undamaged waterborne resin base paint layers;  
According to traditional methods;**

**Wood, with undamaged alkyd based resin paint layers;  
Indoor application  
According to traditional methods;**

**Wood, with undamaged alkyd based resin paint layers;  
Outdoor application  
According to traditional methods;**

**On hard PVC  
According to traditional methods;**

**Points of attention;**

**Application conditions**

**Application methods**

**Softwood pretreatment:**

Wash down undamaged paint layers and sand very well.

**Touch up:**

Treat eventual lacks with Rubbol BL Primer

**Midcoat**

Fill joints and defects with Kodrin filler. Sand down surface and apply one full coat Rubbol BL Primer as intermediate

**Finish coat**

Sand down surface prior finishing with Rubbol BL Satura

Wash down undamaged paint layers with ammonium water and sand very well.

**Touch up:**

Treat eventual lacks with Rubbol BL Primer

**Finish coat**

Sand down surface prior finishing with Rubbol BL Satura

Wash down undamaged paint layers with ammonium water and sand very well.

**Touch up:**

Treat eventual lacks with Rubbol BL Primer

**Midcoat**

Fill joints and defects with Kodrin filler. Sand down surface and apply one full coat Rubbol BL Primer as intermediate

**Finish coat**

Sand down surface prior finishing with Rubbol BL Satura

Wash down undamaged paint layers with ammonium water and sand very well.

**Primer:**

Rubbol BL Primer

**Finish coat**

Sand down surface prior finishing with two coats Rubbol BL Satura

**Note:**

Waterborne products are sensible for plasticizer containing products such as PVC-sealing. The paint film can be affected and softer and become sticky. It is preferred to use EPDM-rubber or silicon. Get the suppliers advice before use-

Bleeding can appear in the following timber species.

Merbau, Dark Red Meranti, Western Red Cedar, Oak and Afzelia. Knots can cause yellow discoloration in Pinewood. It is better to pre-treat these knots with Onol.

**APPLICATION INFORMATION**

Temp. : Between 7 – 30°C

R.H. : Up to 85%

**Brush / Roller:**

<b>Cleaning of equipment</b>	<p>Thinner : Water</p> <p>Percentage thinner : 0 - 5%</p> <p>Clean equipment immediately with lukewarm water. Add detergent if required.</p> <p>Do not use hot water</p>
<b>Advised layer thickness At 20°C/65% RH</b>	<p>Dry 30 – 35 microns</p> <p>Wet 75 – 85 microns</p>
<b>Theoretical coverage</b>	<p>Approx. : 13 m<sup>2</sup>/L (dry film thickness of 40 microns)</p>
<b>Practical coverage</b>	<p>Approx. : 10 - 12 m<sup>2</sup>/L (based on 10% loss if applied by brush)</p>

## HEALTH & SAFETY INFORMATION

<b>Formulation</b>	60.726
<b>MM-standard</b>	Waterborne Lacquers
<b>Flash point (DIN 53213)</b>	Approx. : > 100°C
<b>Transport code (ARD/VGL)</b>	<p>ADR : Free</p> <p>UN : 1263 Paint</p> <p>VbF : Entfällt</p>
<b>Risk &amp; Safety phrases</b>	<p>Danger classification: Not applicable</p> <p>Contains : ---</p> <p><b>R</b>isk phrase (s) : ---</p> <p><b>S</b>afety phrase (s) : S02, S46, S51</p> <p>For latest release on "Safety Data Sheet" please contact your Information &amp; Material Management (IMM) at least once per year</p>
<b>Statutory regulations</b>	<p>The user of this product is required to comply with the national statutory regulations for health and safety at work and waste disposal.</p>
<b>Transport of empty containers</b>	<p>Dirty empty packaging fall under restricted waste transportation and must carry the original Akzo Nobel Coatings labeling. Surplus paints can not be offered to public waste disposal without permission of the authorities All waste disposals must be arranged in agreement with the local authorities.</p>
<b>Ventilation requirement</b>	<p><u>Minimum Ventilation Requirement</u> to comply with:</p> <p><b><u>O</u>ccupational <u>E</u>xposure <u>L</u>imit (OEL) : --- m<sup>3</sup> air / Liter paint</b></p> <p><u>Minimum Ventilation Requirement</u> to comply with:</p> <p><b>Safety explosion limit (10% LEL) : 25 m<sup>3</sup> air / Liter paint</b></p> <p><u>Minimum Ventilation Requirement</u> to comply with:</p> <p>See also "Safety Data Sheet".</p>

## ADDITIONAL INFORMATION

<b>Article number (SAP)</b>	<b>Pack size</b>	<b>Color / reference</b>	<b>EAN code</b>
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	1 L	White	8711115165448
	1 L	03	8711115165776
	1 L	09	8711115165721
	1 L	10	8711115165806
	1 L	11	8711115165837
	1 L	13	8711115165868
	1 L	14	8711115165899
	1 L	40	8711115165998
	1 L	51	8711115176086
	1 L	52	8711115176116
	1 L	61	8711115176147
	1 L	75	8711115176024
	1 L	RAL 9010	8711115177786
<b>Article number (SAP)</b>	<b>Pack size</b>	<b>Color / reference</b>	<b>EAN code</b>
	2,5 L	White	8711115165462
	2,5 L	03	8711115165790
	2,5 L	09	8711115165745
	2,5 L	10	8711115165820
	2,5 L	11	8711115165851
	2,5 L	13	8711115165882
	2,5 L	14	8711115165912
	2,5 L	40	8711115166017
	2,5 L	51	8711115176109
	2,5 L	52	8711115176130
	2,5 L	61	8711115176161
	2,5 L	75	8711115176048
<b>Packaging size</b>	1 L and 2,5 L		
<b>Shelf life</b>	Minimum 24 months in original and unopened packaging.		
<b>Storage conditions</b>	Store in a frost free and dry warehouse at temperatures between 5 – 30°C		
<b>Production location</b>	Cologne, Germany		

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.