



TECHNICAL DATA SHEET

TDS for internal company use only

Description

Rubbol BL Primer

Waterborne opaque primer for exterior and interior use.

GENERAL

Main properties / U.S.P.'s

Very good adhesion on bear-wood and old alkyd paint layers

Fast drying

Moisture control

Easy application properties

Excellent leveling

Non flammable

Reinforced with PU binder

Unsaponifiable

Use

As waterborne primer on bear-wood and degreased and sanded alkyd paint layers. Can be used as adhesion primer on steel and other, non-ferro, metals

As primer in waterborne paint system in combination with Rubbol BL product range.

As waterborne primer on wood, concrete, brickwork and plastics such as hard PVC with exception of Polyolefine, such as PE and PP.

Selling profit Centers

International product, sold in;

Austria, Belgium, France, Italy, the Netherlands and Switzerland.

PROPERTIES

Gloss

Approx. : 15 GU/60° /ASTM D532

Color

White and most of the colors from the 4041 Color Concept

Density

Approx. : 1,32 kg/dm³ (depends on color)

Packaging viscosity

Approx. : 82 - 92 KU a5 25°C (White)

Solids content depending on color

By weight : Approx. 50%

By volume : Approx. 34%

Volatile Organic Compound

Maximum : 90 g/L

EU Class A/d : max 150 g/L (2007) max. 130 g/L (2010)

Drying at 20° C / 65% RH

Dust dry : after approx. 1 hours

Erichsen elasticity

Outdoor durability

Timber moisture content

Timber quality

**New of bare made wood,
According to traditional
methods;**

**New of bare made wood,
following semi-industrial
system with waterborne
primer;**

**New of bare made wood,
following semi-industrial**

Dry to handle : after approx. 2 hours

Recoatable : after approx. 5 - 6 hours

Dry to stack : after approx. 24 hours

After drying for 90 hrs at 50°C approx.: -- mm (depends on color)

In a two-layer application Rubbol BL Primer can overstay for maximum one year.

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

Moisture of timber to be coated should not exceed 16%.

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.

Softwood pretreatment:

Degrease greasy wood species

Primer

Rubbol BL Primer

Midcoat

Fill joints and defects with Kodrin filler. Sand surface and apply intermediate coat of Rubbol BL Azura, BL Gloss, BL Safira, BL Satura, BL Satin or BL Magura

Finish coat

Sand the surface prior finishing with Rubbol BL Azura, BL Gloss, BL Safira, BL Satura, BL Satin or BL Magura

Treatment in joinery works only:

First layer Rubbol WP 160 (Dry layer thickness approx. 30 microns)

Second layer Rubbol WP 160 (Dry layer thickness approx. 50 microns)

Treatment on site:

Touch up

Repair possible mistakes with Rubbol BL Primer

Finish coat

Sand the surface prior finishing with Rubbol BL Azura, BL Gloss, BL Safira, BL Satura, BL Satin or BL Magura

Treatment in joinery works only:

system with alkyd resin based primer;

Prime in two layers of Rubbol SM 208
(Total dry layer thickness of 80 microns)

Treatment on site:

Touch up

Repair possible mistakes with Rubbol BL Primer. Sand and re-prime with one full coat of Rubbol BL Primer.

Finish coat

Sand the surface prior finishing with Rubbol BL Azura, BL Gloss, BL Safira, BL Satura, BL Satin or BL Magura

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

Softwood pretreatment:

Wash down undamaged paint layers and sand very well.

Touch up:

Coat possible mistakes with Rubbol BL Primer

Midcoat

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

Finish coat

Sand the surface prior finishing with Rubbol BL Azura, BL Gloss, BL Safira, BL Satura, BL Satin or BL Magura.

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

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

Touch up:

Repair possible mistakes with Rubbol BL Primer

Finish coat

Sand the surface prior finishing with Rubbol BL Azura, BL Gloss, BL Safira, BL Satura, BL Satin or BL Magura.

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

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

Touch up:

Repair possible mistakes with Rubbol BL Primer

Midcoat

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

Finish coat

Sand the surface prior finishing with Rubbol BL Azura, BL Gloss, BL Safira, BL Satura, BL Satin or BL Magura

Point of attention;

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

Application conditions

Temp. : Between 7 – 30°C

R.H. : Up to 85%

Application methods

Brush / Roller:

Thinner : Water

Percentage thinner : 0 - 5%

Cleaning of equipment

Clean equipment immediately with lukewarm water. Add detergent if required.

Do not use hot water

Advised layer thickness At 20°C/65% RH

Dry 25 – 30 microns

Wet 75 – 85 microns

Theoretical coverage

Approx. : 13 - 15 m²/L (dry film thickness of 40 microns)

Practical coverage

Approx. : 12 - 14 m²/L (based on 10% loss if applied by brush)

HEALTH & SAFETY INFORMATION

Formulation

40.712

MM-standard

Std. Acomix WB Primers and Undercoats, using Base N00, M15 and W05

Flash point (DIN 53213)

Approx. : > 100°C

Transport code (ARD/VGL)

ADR : Class: Free

UN: : 1263 Paint

VbF : Entfällt

Risk & Safety phrases

Danger classification: Not applicable

Contains : ---

Risk phrase (s) : ---

Safety phrase (s) : S02, S46, S51

For latest release on "Safety Data Sheet" please contact your Information & Material Management (IMM) at least once per year

Statutory regulations

The user of this product is required to comply with the national statutory regulations for health and safety at work and waste disposal.

Transport of empty containers

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.

Ventilation requirement

Minimum Ventilation Requirement to comply with:

Occupational Exposure Limit (OEL) : 200 m³ air / Liter paint

Minimum Ventilation Requirement to comply with:

Safety explosion limit (10% LEL) : 25 m³ air / Liter paint

Minimum Ventilation Requirement to comply with:

See also "Safety Data Sheet".

ADDITIONAL INFORMATION**Article number (SAP)**

Pack size	Color / reference	EAN code
1 L	White	8711115186702
1 L	10	8711115186726
1 L	11	8711115186740
1 L	14	8711115186764
1 L	52	8711115186788

Article number (SAP)

Pack size	Color / reference	EAN code
2,5 L	White	8711115186627
2,5 L	10	8711115186634
2,5 L	11	8711115186641
2,5 L	14	8711115186658
2,5 L	52	8711115186665

Packaging size

1 L and 2,5 L

Shelf life

Minimum 24 months in original and unopened packaging,

Keep in a cool frost-free place

Storage conditions

Store in a dry warehouse at temperatures between 5 – 30°C

Production location

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.