



TECHNICAL DATA SHEET

For internal company use only

Description

Cetol BL Opaque

Waterborne, satin opaque wood stain based on alkyd and acrylic dispersion for exterior use only.

Main properties / U.S.P.'s

GENERAL

Good adhesion on soft and hard wood;
Very good outdoor durability;
Micro porous;
Very easy application;
High hiding power and opacity;
Quick drying;
Low odor.

Use

As a finish in system for dimension stable soft and hardwood constructions. For timber that tends to show discoloration at e.g. knots, it is recommended to use an insulating coat of Cetol BL Primer.

Selling profit Centers

International product sold in France and the UK

Gloss

Satin, approx. 26-33 GU/60°

Color

White and colors from the 4041 Color Concept, using the Acomix colorants and 5 base paints

Density

Approx. : 1,27 kg/dm³

Packaging viscosity

Approx. : 110 KU at 23°C (White)

Solids content

By weight : Approx. 51 %

By volume : Approx. 38 %

Volatile Organic Compound

Class A/e max. 150 g/L (2007) max. 130 g/L (2010)

Cetol BL Opaque contains max : 30 g/L VOC

Drying at 20°C/65% RH

Dust dry : After approx. 1 hour

Recoatable : After approx. 6 hours

Outdoor durability

Approx. 4 years.

Durability depends greatly on location, elevation, quality of substrate, quality of the construction and glazing, etc.

SYSTEM SPECIFICATION

Timber moisture content

Moisture content of timber to be coated should not exceed 20%

New woodwork

Dust down, degrease and sand substrate.

Fill holes and other defects with Componex WR.

Apply one coat of Cetol BL Primer or Cetol HLS.

**Woodwork (exterior)
previously treated, in
good condition**

**Woodwork (exterior)
previously treated, in
poor condition**

General points to note:

Application conditions

Application methods

Cleaning of equipment

**Advised layer thickness
At 20°C/65% RH**

Theoretical coverage

Practical coverage

Formulation

MM-standard

Flash point (DIN 53213)

Transport code (ARD)

Risk & Safety phrases

Apply two finishing coats of Cetol BL Opaque.

Wet sand substrate with waterproof abrasive paper.

Apply two finishing coats of Cetol BL Opaque.

Remove old coatings.

Waterborne products are sensitive for rubber containing plastizers, such as flexible PVC-strips.

The paint film may resolve due to plastizers and feel sticky. It is advisable to replace such flexible strips for those made of EPDM-rubber. Ask the reseller for advice.

APPLICATION INFORMATION

Temperature between : 5 – 30°C

Relative humidity maximum : 85%

Ready for use after thorough stirring

Brush, roller:

Thinner : Do not thin

Percentage thinner : ---

Viscosity : Ready for use

Spray gun:

Thinner : water

Percentage thinner: max. 5%

Clean the brushes and equipment immediately with Water.

Dry : Approx. 20 microns per coat

Wet : Approx. 60 microns

Dry layer thickness 20 microns, approx. 12 m²/Liter

Dry layer thickness 20 microns, approx. 10 m²/Liter.

Coverage greatly depends on the wood species under treatment, the surface condition, and the method and of application and conditions during application.

HEALTH & SAFETY INFORMATION

DEU 49260

n/a

> 100° C

ADR : Not restricted UN: ---

VbF : Entfällt

Danger classification : Not applicable

Contains : --

Risk phrase(s) : R52/53

Safety phrase(s) : ---

See also "Safety Data Sheet"

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 requirements	<p>Minimum <u>V</u>entilation <u>R</u>equirement to comply with: Occupational Exposure Limit (OEL) : n/a Minimum <u>V</u>entilation <u>R</u>equirement to comply with: Safety explosion limit (10% LEL) : n/a See also "Safety Data Sheet".</p> <p>ADDITIONAL INFORMATION</p>																																			
Article number (SATRUN)	<table border="1"> <thead> <tr> <th>Pack size</th> <th>Color / Reference</th> <th>EAN-code</th> </tr> </thead> <tbody> <tr> <td>5025583</td> <td>1 L</td> <td>White</td> <td>8711115207285</td> </tr> <tr> <td>5037590</td> <td>5 L</td> <td>White</td> <td>8711115158945</td> </tr> <tr> <td>5049709</td> <td>1 L</td> <td>Basis W05</td> <td>8711115255910</td> </tr> <tr> <td>5049723</td> <td>5 L</td> <td>Basis W05</td> <td>8711115258560</td> </tr> <tr> <td>5049707</td> <td>1 L</td> <td>Basis M15</td> <td>8711115255927</td> </tr> <tr> <td>5049722</td> <td>5 L</td> <td>Basis M15</td> <td>8711115258577</td> </tr> <tr> <td>5049705</td> <td>1 L</td> <td>Basis N00</td> <td>8711115255934</td> </tr> <tr> <td>5049721</td> <td>5 L</td> <td>Basis N00</td> <td>8711115258584</td> </tr> </tbody> </table>	Pack size	Color / Reference	EAN-code	5025583	1 L	White	8711115207285	5037590	5 L	White	8711115158945	5049709	1 L	Basis W05	8711115255910	5049723	5 L	Basis W05	8711115258560	5049707	1 L	Basis M15	8711115255927	5049722	5 L	Basis M15	8711115258577	5049705	1 L	Basis N00	8711115255934	5049721	5 L	Basis N00	8711115258584
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Packaging size	1 and 5 L cans																																			
Shelf life	Minimum 12 months in original and unopened packaging.																																			
Storage conditions	Store in frost free and dry warehouse at temperatures between 5 – 30°C																																			
Production location	CGNP, 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.