



## Technical Data Sheet

### Cetol Novatop

<b>Standard</b>	TR Satin HS
<b>Description</b>	Translucent, high solid solvent borne, satin gloss wood finish for exterior use.
<b>Main properties / USPs</b>	<b>GENERAL</b> Excellent resistance to UV radiation, ensuring optimum flexibility Provides optimum wood protection, as it features high UV absorption and enables to apply a great layer thickness. The wood-grain structure remains visible and will be enhanced, depending on the type of wood being treated. Can be applied at a great wet layer thickness. Retains its water-repellent properties. Good gloss retention. No dirt-pick-up.
<b>Use</b>	Designed for the protection and decoration of house-front joinery made of hardwood, such as dark-red Meranti, Iroko, Teak, Merbau, etc. Eminently suitable for application to dimensionally stable constructions, such as window-frames, windows and doors.
<b>Gloss</b>	<b>PROPERTIES</b> Approx. : 35 GU/60° (ISO 2813)
<b>Colour</b>	Available in 8 translucent wood-stain colors. All colors can be mixed in any proportion. The final color of the Cetol Novatop Gloss system greatly depends on the wood species to which it is applied.
<b>Density</b>	Approx. : 0,97 kg/dm <sup>3</sup>
<b>Packaging viscosity</b>	Approx. : 0,39 Pa.s, at 23°C
<b>Solids content</b>	By weight : Approx. 78 % By volume : Approx. 73 %
<b>Volatile Organic Compound</b>	Class : A/e with max 500 g/L (2007) 400g/L (2010) Cetol Novatop : contains app. 250 g/L VOC
<b>Drying at 20°C/65% RH</b>	Dust dry : After approx. 4 hours Recoatable : After approx. 16 hours
<b>Outdoor durability</b>	Approx. 3 - 4 years for a 3-coat Cetol Novatop system. The lighter colors of translucent products are less outdoor durable. This is why the low pigmented colors of Cetol Novatop are based on Base TU, reinforced with UV absorber and HALS. This will result in comparable durability with the other translucent colors of the product. Durability greatly depends on location, elevation and by the quality of wood, design, construction, glazing, condition of interior paint-work, method of application adopted, etc.

## SYSTEM SPECIFICATION

**Timber moisture content**  
**Timber quality**

**Moisture content of timber to be coated should not exceed 16%**

Exterior timber frames, windows and doors should meet the standards as described in KVT '95 (*Quality of Timber Joinery Sections*) and as described in BRL specification 0801 (*Timber Joinery Sections*). Timber house-front joinery must be preserved to BRL Specification 2901 or 2903.

**New woodwork**

**3-coat Cetol Novatop system:**

Apply a priming coat of Cetol Novatech of the desired color.

Putty up with tinted putty where necessary.

Apply two finishing coats of Cetol Novatop. For best results, it is necessary to keep the interval between application of the individual coats as short as possible.

This interval should not exceed one month.

**Maintenance**

Maintenance interval every 3 – 4 years.

Depending on the condition of the finish, thoroughly clean down and sand down thoroughly the woodwork being treated.

Make good defects, if any, and apply a further coat of Cetol Novatop overall.

**Transparency**

In order that the Cetol Novatop finish may retain its translucent appearance also in the long run, it is recommended to use light colors for maintenance, e.g. 003, 077 or 006.

**Points to note**

**Covering of horizontal surfaces:**

During construction, it is recommended to cover horizontal surfaces with plastic or aluminum foil to prevent dirt pick up by mortar and cement.

**Merbau:**

Merbau contains dark-colored extractives that easily dissolve in water, causing 'bleeding'.

To prevent this, do not install Merbau sections in buildings without previously painting them with a minimum of two coats (of Cetol Novatech and Cetol Novatop). On site, apply a finishing coat of Cetol Novatop.

**Application over other products**

Cetol Novatop can also be applied over translucent stain coatings that are in good condition, e.g.: Cetol Novatech.

Remove defective coatings completely and proceed as specified for new work.

**Treatment of wood cladding, surfaces to be concealed by brickwork, etc.**

Always apply two coats to grooves, glazing beads (on all sides), backs of cladding, etc.

Apply two coats of Cetol Novatop to surfaces to be concealed by brickwork.

**Drying properties:**

When applied under critical conditions, all solvent borne high solid coatings show slower drying properties in comparison with conventional (low- & medium solid) coatings.

Within reasonable limits (max. approx. 60 microns wet, 10° C), Cetol Novatop will dry within the earlier stated drying properties.

A higher layer thickness in combination with cold weather has to be avoided to prevent drying retardation.

<b>APPLICATION INFORMATION</b>	
<b>Application conditions</b>	<p>Temperature between : 5 – 35°C</p> <p>Relative humidity maximum : 85%</p> <p>At temperatures below 10°C the drying process will be delayed.</p>
<b>Application methods</b>	<p>Ready for use after thorough stirring</p> <p><b>Brush:</b></p> <p>Thinner : White Spirit</p> <p>Percentage thinner : Ready for use</p>
<b>Cleaning of equipment</b>	<p>Clean the brushes and equipment immediately with White Spirit</p>
<b>Advised layer thickness</b>	<p>Dry : Approx. 35 microns per coat</p> <p>Wet : Approx. 50 microns</p>
<b>At 20°C/65% RH</b>	<p>Cetol Novatop system should have a minimum dry film thickness of 70 microns.</p>
<b>Theoretical coverage</b>	<p>Dry layer thickness 35 microns, approx. 20 m<sup>2</sup>/Liter</p>
<b>Practical coverage</b>	<p>Dry layer thickness 35 microns, approx. 17 m<sup>2</sup>/Liter.</p> <p>Coverage greatly depends on the wood species under treatment, the surface condition, and the method and of application and conditions during application.</p>
<b>HEALTH &amp; SAFETY INFORMATION</b>	
<p>Always read full Health, Safety &amp; Environmental Information on can before use. Safety datasheet is available free on request.</p>	
<b>ADDITIONAL INFORMATION</b>	
<p>Products available in ready mixed and tinted colours.</p>	
<b>Packaging size</b>	<p>1 L, 2½ L and 5 Liter</p>
<b>Shelf life</b>	<p>Minimum 12 months in original and unopened packaging,</p>
<b>Storage conditions</b>	<p>Stored in dry warehouse at temperatures between 5 – 30°C</p>

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