



## TECHNICAL DATA SHEET

### Cetol TSI Satin plus

**Description**

A medium build solvent borne interior varnish.

**Main properties / USPs**

**GENERAL**

Easy application properties

Resistant to knocks, spills and abrasion

Resistant to water and mild household detergents

VOC content < 400 g/L (compliant with European legislation after 2010)

**Use**

Decoration and protection of smooth planed softwoods and hardwoods. Can be used on floors subject to light domestic wear. For use on window frames, handrails, skirting, wood panelling, doors, furniture etc. in coloured and colourless finishes

**Gloss**

Satin. Approx. 30 GU/60° (ISO 2813)

**Colour**

Available in 7 ready mixed colours incl. colourless and in the range of tinted colours from the Cetol Style and Cetol Classic colour collections, ConceptNatural Balance color collection, using the Base TC in the Acotint MM and Acotint concept.

**Density**

Approx. : 0.91 – 0.95 g/ml for colourless

Approx.: XX – XX g/ml for colours

**Packaging viscosity**

Approx. : 2.1 – 2.5 poise Cone & Plate viscosity at 25°C (for colourless)

Approx. : 2.1 – 2.5 poise Cone & Plate viscosity at 25°C (for colours)

**Solids content depending on color**

By weight : Approx. 45-55%

By volume : Approx. 38-48%

**Volatile Organic Compound**

Class : A/e with max 500 g/L (2007) 400g/L (2010)

: contains max 399 g/L VOC

**Drying at 23°C/50% RH**

Dust dry : after approx. 1-2 hours

Dry to handle : after approx. 6-8 hours

Recoatable : after approx. 16 hours

Dry to stack : after approx. 24 hours

**Outdoor durability**

Not applicable, indoor use only

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

**Moisture of timber to be coated should not exceed 14%.**

### New or bare made wood, According to traditional methods;

Degrease any exposed bare timber surface by wiping with a cloth dampened with methylated spirits. Certain timber species contain high levels of natural wood extractives or exudates and some softwoods can be highly resinous. Resinous deposits should be removed with a scraper. Any remaining residues should be removed with a lint-free cloth dampened with methylated spirits, frequently changing the face of the cloth. Allow solvent to evaporate fully before overcoating. The use of both eye and hand protection is strongly advised.

Ensure product is thoroughly stirred before and during application, otherwise colour and sheen variations may be experienced. **Cetol TSI Satin plus** is supplied ready for use and does not require thinning.

For best results use a good quality, long haired soft bristle brush. 3 coats of **Cetol TSI Satin plus** should be applied, allowing a minimum of 16 hours drying time between coats. The product should be applied in a full flowing coat, laying off in the direction of the grain, using the minimum number of brushstrokes necessary to produce an acceptable finish. Avoid overbrushing, as this will produce brush marks and a poor quality finish.

Apply to a minimum wet film thickness of 54 micrometres.

### Maintenance of existing coatings, According to traditional methods;

Lightly sand with a fine grade abrasive paper. If the timber has been stained, avoid sanding back to the underlying stain. Remove all sanding dust thoroughly and apply 1 or 2 coats of **Cetol TSI Satin plus**.

## APPLICATION INFORMATION

### Application conditions

Temp. : 5 to 30°C

R.H. : Up to 90%

### Application methods

Brush

Product is ready for use

### Cleaning of equipment

White spirit

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

Dry : 22 – 32 microns

Wet : 54 microns

### Practical coverage

Approx. : 11-13 m<sup>2</sup>/L (Approx. 10% loss if applied by brush)

## HEALTH & SAFETY INFORMATION

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

## ADDITIONAL INFORMATION

### Packaging size

Product available in ready mixed and tinted colours

### Shelf life

1 L and 2,5 L

### Storage conditions

Minimum 24 months in original and unopened packaging,

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

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 (AkzoNobel 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.