



TDS for internal company use only

Description

Main properties / U.S.P.'s

Use

Selling profit Centers

Gloss

Color

Density

Packaging viscosity

Solids content depending on color

Volatile Organic Compound

Drying at 23°C/50% RH

## TECHNICAL DATA SHEET

### Cetol TSI Satin plus

A medium build solvent borne interior varnish.

#### 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)

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

International product, sold in: United Kingdom, France, Belgium, the Netherlands

#### PROPERTIES

Satin. Approx. 30 GU/60° (ISO 2813)

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.

Approx. : 0.91 – 0.95 g/ml for colourless

Approx.: XX – XX g/ml for colours

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)

By weight : Approx. 45-55%

By volume : Approx. 38-48%

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

: contains max 399 g/L VOC

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.

**Timber moisture content**

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

**SYSTEM SPECIFICATION**

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

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 conditions**

Temp. : 5 to 30°C

R.H. : Up to 90%

**Application methods**

Brush

Product is ready for use

**Cleaning of equipment**

White spirit or thinner M 600

**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)

**APPLICATION INFORMATION**

## HEALTH & SAFETY INFORMATION

### Formulation

Base TC DEU 60980

### MM-standard

Acotint SB Translucents (1 basepaint,)

### Flash point (DIN 53213)

Approx. : + 62 °C

### Transport code (ARD/VGL)

ADR : Class: 3

UN: 0000

VbF : Entfällt 2(1)4

### Risk & Safety phrases

Danger classification : Not applicable

Contains : Cobalt Carboxylate, Ethyl Methyl Ketoxime. May produce an allergic reaction

**R**isk phrase(s) : R10, R21, R22, R38, R40, R41, R43, R51/53, R65, R66

**S**afety phrase(s) : S02, S23, S51

For latest release on "Product 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

Minimum Ventilation Requirement to comply with:

**O**ccupational **E**xposure **L**imit (OEL) : 650 m<sup>3</sup> air / Liter paint

Minimum Ventilation Requirement to comply with:

**S**afety explosion limit (10% LEL) : 80 m<sup>3</sup> air / Liter paint

See also "Product Data Sheet".

## ADDITIONAL INFORMATION

### Article number (SAP)

Pack size	Color / reference	SAP-code
1L	Base TC	
1L	Colourless	
1L	Light Oak	
1L	Dark Oak	
1L	Mahogany	
1L	Natural Oak	
1L	Teak	

<b>Article number (SAP)</b>	<b>Pack size</b>	<b>Color / reference</b>	<b>SAP -code</b>
	1L	Walnut	
	2.5L	Base TC	
	2.5L	Colourless	
	2.5L	Light Oak	
	2.5L	Dark Oak	
	2.5L	Mahogany	
	2.5L	Natural Oak	
	2.5L	Teak	
	2.5L	Walnut	
<b>Packaging size</b>	RM & MM: 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 dry warehouse at temperatures between 5 – 30°C		
<b>Production location</b>	0390 – Elixhausen		

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.