



Technical Data Sheet

For internal company use only

Standard

Description

Main properties / U.S.P.'s

Use

Selling profit Centers

Gloss

Color

Density

Packaging viscosity

Solids content

Volatile Organic Compound

Drying at 20°C/65% RH

Outdoor durability

Cetol Filter 7 plus

TR satin durable

Translucent solvent borne, exterior satin wood stain with excellent durability.

GENERAL

Excellent resistance to UV-radiation, resulting in a flexible and longer lasting coating;

Weather-resistant;

Its high transparency ensures optimum visibility of the wood grain;

Micro porous;

Water-repellent;

No dirt pick up;

Simple maintenance;

Very easy application;

Based on air-drying alkyd resins.

As a topcoat in translucent systems for dimension stable soft- and hardwood constructions.

International product, sold in:

Austria, Belgium, France, Germany, Italy, Spain, Switzerland and the UK.

PROPERTIES

Approx. : 35 - 45 GU/60° (ASTM D523)

Available in the Cetol Design Concept and Natural Balance translucent color collection.

All colors can be mixed in any proportion.

The final color of the Cetol Filter 7 plus system greatly depends on the wood species to which it is applied.

Approx. : 0,93 kg/dm³

Approx. : 150 -200 mPa.s., ICI Rotothinner, 23°C

By weight : Approx. 59 %

By volume : Approx. 53 %

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

Cetol Filter 7 contains max 377 g / L VOC

Dust dry : After approx. 3 hours

Recoatable : After approx. 16 hours

3 years for a 3-coat system.

Durability greatly depends on location, elevation and by the quality of The lighter colors of translucent products are less outdoor durable. This is why the low pigmented colors of Filter 7 plus are based on Base TU, reinforced with UV absorber and HALS. This will result in comparable

	<p>durability with the other translucent colors of the product.</p> <p>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.</p>
	<p>SYSTEM SPECIFICATION</p>
Timber moisture content New woodwork	<p>Moisture content of timber to be coated should not exceed 16%</p> <p>Apply a priming coat of Cetol HLS plus/ HLS extra for softwood or Cetol Filter 7 plus for hardwood in selected color.</p> <p>Where necessary, stop with tinted putty.</p> <p>Apply 2 finishing coats of Cetol Filter 7 plus.</p> <p>For best results, it is necessary to keep the interval between application of these coats as short as possible.</p> <p>This period should not exceed 1 month.</p>
Maintenance	<p>Depending on the condition of the finish, clean, degrease and sand down thoroughly.</p> <p>Repair any color defects with Cetol HLS plus/ HLS extra or Cetol Filter 7 plus in the right color and apply one further coat of Cetol Filter 7 plus overall.</p>
Transparency	<p>In order to maintain the translucent appearance of a Cetol Filter 7 plus finish also over a longer period, it is recommended to use light colors, 077 or 006, for example, for maintenance applications.</p>
Notes: Covering of horizontal surfaces	<p>During construction, it is recommended to cover horizontal surfaces with plastic or aluminum foil to prevent dirt pick-up by mortar and cement.</p>
Notes: Merbau	<p>Merbau contains dark-colored extractives, which easily dissolve in water and leach out (bleeding).</p> <p>To prevent this process, Merbau elements should not be installed untreated in houses under construction, but previously be treated with a minimum of two coats of Cetol Filter 7 plus.</p> <p>On site complete the system by applying one or two coats of Cetol Filter 7 plus.</p>
Notes: Application over other and defective products	<p>Cetol Filter 7 plus can also be applied over intact translucent stain, Cetol THB and Cetol HLS plus/ HLS extra coatings.</p> <p>Strip off defective coatings completely, sand down to bare wood and proceed as specified for new work.</p>
Notes: Durability-indication opal- and pop-colors	<p>The color 014 is less durable than expected.</p>
	<p>APPLICATION INFORMATION</p>
Application conditions	<p>Temperature between : 5 – 35°C</p> <p>Relative humidity maximum : 85%</p>
Application methods	<p>Ready for use after thorough stirring</p> <p>Brush:</p> <p>Thinner : Do not thin</p> <p>Percentage thinner : ---</p> <p>Viscosity : Ready for use</p>
Cleaning of equipment	<p>Clean the brushes and equipment immediately with White Spirit</p>
Advised layer thickness At 20°C/65% RH	<p>Dry : Approx. 18 microns per coat</p> <p>Wet : Approx. 55 microns</p>

Theoretical coverage Dry layer thickness 18 microns, approx. 20 m²/Liter
A Cetol Filter 7 system should have a minimum dry film thickness of approx. 35 – 40 microns.

Practical coverage Dry layer thickness 18 microns, approx. 16 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

Formulation DEU : 42405

MM-standard Not applicable

Flash point (DIN 53213) Approx. : + 61° C

Transport code (ARD) ADR : free
UN : 1263 Paint
VbF : All

Risk & Safety phrases Danger classification : Not applicable
Contains : cobalt compound and 2-biutanone oxim
May produce an allergic reaction
Contains 0,3% tolylfluaniid

Risk phrase(s) : --

Safety phrase(s) : S02, S23, S46, S52

According to Swiss regulations:

BAG T nr : 66494

Giftklasse : Frei

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 Minimum Ventilation Requirement to comply with:
Occupational Exposure Limit (OEL) : 0 m³ air / Liter paint
Minimum Ventilation Requirement to comply with:
Safety explosion limit (10% LEL) : 95 m³ air / Liter paint
See also "Safety Data Sheet".

ADDITIONAL INFORMATION

SAP R-3 product group
Number 1147

SAP R-3 number	volume	color	EAN code
	970 ml 990 ml 1 L	Base TC Base TU 000, clear	
SAP R-3 number	volume	color	EAN code
	2,250 ml	Base TC	

	2,450 ml 2½ L	Base TU 000, clear	
SAP R-3 number	volume	color	EAN code
	4,850 ml 4,950 ml 5 L	Base TC Base TU 000, clear	

Packaging size

Special pack size

Shelf life

Storage conditions

Production location

1, 2½, and 5Liter lithographed cans

20 L drum

Minimum 12 months in original and unopened packaging,

Stored in dry warehouse at temperatures between 5 – 30°C

Elixhausen, Austria, Montataire, France

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.