



Technical Data Sheet

Standard	Cetol Filter 7 plus
Description	Translucent satin durable Translucent solvent borne, exterior satin wood stain with excellent durability.
Main properties / USPs	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.
Use	As a topcoat in translucent systems for dimension stable soft- and hardwood constructions.
Gloss	PROPERTIES Approx. : 35 - 45 GU/60° (ASTM D523)
Colour	Available in the Cetol Design Concept 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.
Density	Approx. : 0,93 kg/dm ³
Packaging viscosity	Approx. : 150 -200 mPa.s., ICI Rotothinner, 23°C
Solids content	By weight : Approx. 59 % By volume : Approx. 53 %
Volatile Organic Compound	Class A/e : max 500 g/L (2007) max 400 g/L (2010) Cetol Filter 7 contains max 377 g / L VOC
Drying at 20°C/65% RH	Dust dry : After approx. 3 hours Recoatable : After approx. 16 hours
Outdoor durability	5 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 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 New woodwork

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

Apply a priming coat of Cetol HLS plus/ HLS extra for softwood or Cetol Filter 7 plus for hardwood in selected color.

Where necessary, stop with tinted putty.

Apply 2 finishing coats of Cetol Filter 7 plus.

For best results, it is necessary to keep the interval between application of these coats as short as possible.

This period should not exceed 1 month.

Maintenance

Depending on the condition of the finish, clean, degrease and sand down thoroughly.

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.

Transparency

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.

Notes: 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.

Notes: Merbau

Merbau contains dark-colored extractives, which easily dissolve in water and leach out (bleeding).

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.

On site complete the system by applying one or two coats of Cetol Filter 7 plus.

Notes: Application over other and defective products

Cetol Filter 7 plus can also be applied over intact translucent stain, Cetol THB and Cetol HLS plus/ HLS extra coatings.

Strip off defective coatings completely, sand down to bare wood and proceed as specified for new work.

Notes: Durability-indication opal- and pop-colors

The color 014 is less durable than expected.

APPLICATION INFORMATION

Application conditions

Temperature between : 5 – 35°C

Relative humidity maximum : 85%

Application methods

Ready for use after thorough stirring

Brush:

Thinner : Do not thin

Percentage thinner : ---

Viscosity : Ready for use

Cleaning of equipment

Clean the brushes and equipment immediately with White Spirit

Advised layer thickness

Dry : Approx. 18 microns per coat

Wet : Approx. 55 microns

At 20°C/65% RH

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

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

ADDITIONAL INFORMATION

Product available in ready mixed and tinted colours.

Packaging size

1, 2½, and 5Liter

Shelf life

Minimum 12 months in original and unopened packaging,

Storage conditions

Stored in 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 (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.