



Cetol® Filter 7 Plus

Description	Premium, durable, high-solids (medium-build), oil-based, translucent timber stain for exterior joinery and cladding. Designed as the final two finishing coats over Sikkens Cetol® HLSe, delivering a stunning satin finish on both soft- and hardwoods. Remains flexible as timber expands and contracts and provides exceptional weather protection even under long exposure to strong sunlight.
Main properties / U.S.P. s	GENERAL • Based on a new generation of high solid alkyd resins. • Contains built-in UV filters and high-quality transparent iron oxide pigments. • Excellent resistance to UV, resulting in a flexible and longer lasting coating. • Weather-resistant. • High transparency ensures optimum visibility of the timber grain. • Microporous and water-repellent. • No dirt retention. • Very easy application and maintenance.
Use	As a topcoat, following a priming coat of Cetol® HLSe, for dimensionally stable soft and hardwood constructions such as wall cladding, joinery, fascia boards, pergolas, garage doors and entry doors. Cannot be used on hard wearing surfaces, e.g. decks, handrails, and outdoor furniture.
Gloss	Satin: approx. 35 - 45 GU/60° (ASTM D523).
Density	Approx. 0,93 kg/dm ³ .
Package viscosity	Approx. 150 - 200 mPa.s., ICI Rotothinner, 23°C.
Solids content	By weight: approx. 59% = by volume: approx. 53%.
Outdoor durability	Very good: 2-4 years for a 3-coat system. The recoat time will vary depending on the amount of sun exposure; whether the wood is sawn or smooth. Durability greatly depends on the timber species under treatment, quality of design and construction, location and elevation, method of application adopted, etc. EU limit value for this product (cat. A/e): max.400 g/l (2010). This product contains max. 400 g/l VOC.
Volatile Organic Compound (VOC)	Cetol® Filter 7 Plus is available in the standard translucent natural timber colors such as Pine (077), Light Oak (006), Dark Oak (009), Walnut (010), Ebony (020), Mahogany (045), Teak (085) and a range of tinted colours.
Color	All colours can be mixed in any proportion. The final appearance (colour & texture) will be determined by the number of coats applied and the natural colour and structure of the timber. Sample pots are available. Performing a colour test on a small sample of the timber is highly recommended.

SYSTEM SPECIFICATION



Cetol® Filter 7 Plus

Timber moisture content	Moisture content of timber to be coated should not exceed 15%. Excessive moisture content may prevent adhesion and penetration and hence can lead to blistering, flaking and blotchy finish.
Timber quality	Structural timber elements should be manufactured to the highest national quality standards for design and construction of joinery and house-front in-fillings.
Application	New or unseasoned hardwood such as Merbau (Kwila), Spotted Gum, Tallowwood, Jarrah and Ironbark contain natural tannins. These tannins need to be extracted prior to installation and coating. Therefore, such timber species should not be installed untreated in houses under construction. Before installation, prepare and treat with one or two coats of Sikkens Cetol® HLSe (Please refer to Technical Data Sheet for Sikkens Cetol® HLSe). On site, complete the system by applying 2 finishing coats of Sikkens Cetol® Filter 7 Plus
New Timber	Other new timbers: 1) Sand hardwood using 80 – 100 grit sandpaper (60 grit for extra dense hardwood), sand softwood using 100-120 grit sandpaper. Rinse with clean water and allow to dry completely prior to applying any coating. 2) Apply a priming coat of Sikkens Cetol® HLSe in the selected colour. End grains, nail holes, cavities and cracks in the timber must be heavily coated. Allow to dry for 24 hours, light sand to remove any raised grain and dust. 3) Where necessary, fill holes with Nordsjo Professional Flexible Wood Filler or a similar product in the right colour. Allow to dry, sand and dust. Apply 2 finishing coats of Cetol® Filter 7 Plus. For best results, it is necessary to keep the interval between the priming and finishing coats as short as possible. This period should not exceed 1 month.
Recoating previously coated timber / application over other products	Revitalising timber with an intact finish Cetol® Filter 7 plus can also be applied over other intact translucent stains. Depending on the condition of the finish, clean, degrease and sand lightly with a fine grade sandpaper. Repair any defects with Nordsjo Professional Wood Filler or a similar product in the right colour. Allow to dry, sand and dust. Repair any color defects ideally with Cetol® HLSe or alternatively with Cetol® Filter 7 plus in the right color. Allow to dry for 24 hours and apply one or two further coat(s) of Cetol® Filter 7 Plus overall. Flaking, peeling, weathered timber Sand back to bare timber, remove any old product or residue and proceed as specified for new timber. Completely grayed timber (no finish visible) Either sand grayed timber until the natural colour of the timber appears or alternatively wet the timber and treat with Sikkens Cetol® BL Deck and Wood Cleaner, allow it to act and then clean as per pack instructions in just 20 minutes to revitalize the timber. Repeat the treatment, if needed, until the discoloration has disappeared. Rinse with clean water and allow to dry completely. Sand and dust thoroughly and follow steps 2 and 3 above for re-coating.
Maintenance	Inspect the finish on the surface at regular intervals. Depending on the condition of the finish, clean, degrease and sand thoroughly with a fine grade sandpaper. Repair any defects with Nordsjo Professional Wood Filler or a similar product in the right colour.



Cetol® Filter 7 Plus

	Allow to dry, sand and dust. Repair any color defects with Cetol® HLSe or Cetol® Filter 7 plus in the right color. Allow to dry for 24 hours and apply one or two further coat(s) of Cetol® Filter 7 plus overall.
Transparency	In order to maintain the translucent appearance of the Cetol® HLSe finish, also over a longer period, it is recommended to use light colors, Pine (077) or Light Oak (006), 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.
APPLICATION INFORMATION	
Application conditions	Temperature between 5 – 35°C. Relative humidity max. 85%
Application methods	Ready for use after thorough stirring. Apply liberally in the direction of the grain using a good quality brush for optimum penetration. DO NOT use rollers or applicators
Cleaning of equipment	Clean brushes and equipment immediately after use with mineral turpentine / white spirit.
Advised layer thickness	Dry: 18 microns per coat. Wet: 55 microns per coat. A Cetol Filter 7-system should have a minimum dry film thickness of 40 microns.
Coverage	Smooth timber: approx. 10 - 16m ² per litre. Rough sawn timber: approx. 6 - 8 m ² per litre. The coverage rate greatly depends on the method of application being used and the nature of the substrate to be coated.
Drying at 20°C and 65% R.H.	Dust-free: after ± 4hours and recoatable after ± 16 - 24hours.
Packaging size	100 ml sample pot, 1 – 4 – 10 L
Shelf life	Minimum 24 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 (AkzoNobel Decorative Paints) 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.