

Description	Premium, rapid-drying, water-based, semi-transparent timber stain for exterior use. An ideal 1-pot 3-layer system for decks and all other horizontal and vertical exterior timber projects, providing excellent penetration, adhesion and flexibility.
Main properties / U.S.P.'s	GENERAL • Made of acrylic resins, alkyds and special transparent iron oxide pigments for a durable aesthetic finish • Good penetration and adhesion onto bare wood, even in humid conditions • Low film-build & optimum translucency; enhances the natural beauty of timber • Easy to apply; non-drip, very good flow and long open time • Extremely fast dry; re-coatable in 2 hours • Good UV resistance and outdoor durability, even on walk-on surfaces • Permanent flexibility • Stabilisation of wood against climatic changes • Micro porous; allows timber to breath • Low satin finish
Use	1) As a 1-pot 3-layer system for all types of exterior timber including decks, railing, screening, furniture and cladding. 2) As a primer before Cetol® Supernatural to achieve a more durable system for dimensionally stable soft- and hardwood constructions such as Joinery & Cladding.
Gloss	PROPERTIES Low satin, approx. $\geq 30 \text{ GU} \pm 5 \text{ GU}/60^\circ$ (ASTM D523) (on black PVC)
Color	Cetol® BLX-Pro is available in standard translucent natural wood colors such as Natural (078), Pine (077), Light Oak (006), Dark Oak (009), Walnut (010), Ebony (020), Mahogany (045) and Teak (085). 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.
Density	Approx. $1,041 \text{ kg/dm}^3$
Packaging viscosity	Approx. 56 sec. ± 5 seconds DIN Cup 4, at 23°C
Solids content	By weight, approx. 28 %, By volume, approx. 25 %.
Volatile Organic Compound (VOC)	Approx.: 61 g/L.
Drying at $20^\circ\text{C}/65\% \text{ RH}$	Dust dry: After approx. 20 minutes, Tack free: After approx. 2 hours. Re-coatable: After approx. 2 hours
Outdoor durability	Durability depends greatly on the quality of the substrate & the construction, as well as the degree of exposure to the elements, abrasion from foot traffic and occurrence of standing water. Generally, maintenance should take place every year for decks,

and every 2 - 3 years for vertical surfaces depending on the exposure to the elements.

SYSTEM SPECIFICATION

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 Timber

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 coating. This will happen naturally over a period of 3-6 months depending on exposure, or the process can be accelerated using Sikkens Cetol® Tannin & Oil Remover followed by Sikkens Cetol® Deck & Wood Cleaner.

1) Sand dense hardwood using 60-80 grit sandpaper, for softwood using 100-120 grit sandpaper.

2) For tannin-rich hardwoods, apply Sikkens Cetol® Tannin & Oil Remover according to on-pack instructions, allow to sit on the timber surface for 15 minutes before thoroughly rinsing with a pressure washer or hose. Whilst timber remains wet, apply a liberal coat of Sikkens Cetol® BL Deck & Wood Cleaner and scrub into the surface: leave for 15 minutes then rinse thoroughly with pressure washer or hose.

For timbers with no tannin content (seasoned hardwoods and all softwoods), wet the timber and apply Sikkens Cetol® BL Deck & Wood Cleaner or a similar solution for surface cleaning and rinse thoroughly. Allow to dry completely prior to applying any coating.

3) Apply a priming coat of Cetol® BLX Pro in the selected colour. End grains, nail holes, cavities and cracks in the timber must be heavily coated.

4) Where necessary, fill holes with Nordsjo Professional Flexible Wood Filler or a similar product, allow to dry, light sand and dust. Apply 2 finishing coats of Cetol® BLX Pro or Cetol® Supernatural (vertical projects only).

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 decks and timber

Revitalising timber with an intact finish

1) Lightly sand the deck with 120-150 grit sandpaper and dust down ensuring a clean surface.

2) Clean using a stiff bristle brush, water and a mild detergent. Allow timber to dry thoroughly.

Flaking, peeling, weathered timber

1) Sand back to bare timber, remove any old product or residue

2) Wet the timber and apply Sikkens Cetol BL Deck & Wood Cleaner to clean the timber in just 15-20 minutes. Allow to dry completely prior to applying any coating.



Cetol® BLX-Pro

To finish, follow steps 3 and 4 as above.

For decks, allow the coating to cure for 48 hours before subjecting to light foot traffic and 7-10 days for full cure (harden) and placing furniture (avoid dragging).

Maintenance on intact waterborne stain coatings

Inspect the finish on the surface at regular intervals. Depending on the condition of the finish, clean, degrease intact stain coatings with an ammonia solution in water or clean with Cetol® BL Deck and Wood Cleaner and sand slightly, (do not sand the film from the edges). Repair any defects with Nordsjo Professional Wood Filler or a similar product in the right colour, allow to dry, sand lightly and dust, and apply one or two coats of Cetol® BLX-Pro.

Transparency

In order to maintain the translucent appearance of the Cetol® BLX-Pro finish, also over a longer period, it is recommended to use light colors, Natural (078), Pine (077) or Light Oak (006), for maintenance applications.

Notes: Covering of horizontal surfaces

Covering of horizontal surfaces. During construction, it is recommended to cover horizontal surfaces with plastic or aluminum foil to prevent their discoloration from mortar, cement or other building materials.

APPLICATION INFORMATION

Application conditions & method

Temperature between: 8-30°C Relative humidity: max. 85%
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

Thinning

Ready for use. When used on a highly absorbent substrates, dilute up to 10% with water.

Cleaning of equipment

Clean the brushes and equipment immediately with lukewarm water. Add household detergent when necessary. Do not use hot water.

Advised layer thickness at 20°C/65% RH

Dry: Approx. 13 – 16 microns per coat
Wet: Approx. 50 – 60 microns
A Cetol® BLX-Pro system should have a minimum dry film thickness of 20 – 25 microns.

Coverage

Approx 14-15 m²/L. Coverage greatly depends on the timber species, which is coated, the surface condition, the method of application and conditions during application.

Packaging size

100ml sample pot, 1 – 4 – 5 – 10L

Shelf life & storage conditions

Minimum 24 months in original and unopened packaging.
Keep in a cool frost-free place. Stored in dry warehouse at temperatures between 5 and 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.