sikkens

AkzoNobel

# CETOL® DECK ULTRA

## Premium oil based, durable translucent stain for timber decks, steps & walkways.

ROBUST

Penetrates, seals, colours and covers decking with a protective translucent durable satin film.

UV SHIELD TECHNOLOGY

2-in-1. Self priming.

Main features

Luxurious satin finish
Long lasting - high UV resistance
High abrasion resistance
Use as a stand-alone 3 coat system or as a topcoat over Cetol HLSe
Available in Natural (078) and Merbau (037) colours

## DESCRIPTION

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Premium oil-based translucent stain for timber decks, steps & walkways. This one-pot low-build coating absorbs deeply into the timber and provides extreme UV and weather protection. Cetol® Deck Ultra is a microporous coating that allows the timber to breathe whilst repelling unwanted moisture. Its luxurious translucent satin finish enhances the natural beauty of timber.

## GENERAL

Main properties/ U.S.P.'s

- Deep penetration: low film build
- 2-in-1: no basecoat required
- Luxurious satin finish
- Minimal transformation with colour 078 Natural
- Weather and mould resistant finish
- Withstands physical wear
- Micro porous: allows timber to breath
- Water repellent
- Easy application and maintenance

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| Use | **Decks, steps, walkways, and handrails:** 3 coats are recommended on correctly prepared timber. |

## PROPERTIES

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| Gloss<br>Colour | Satin, approx. ≥ 90 GU ± 5 GU/60° (ASTM D523) (on glass) Cetol Cetol Deck Ultra is available in Natural (078) and Merbau (037).<br><br>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 instore. Performing a colour test on a small sample of the timber is highly recommended. |
| Density | Approx. 0.88-0.90 kg/dm3 |
| Packaging viscosity | Approx.52 KU. ± 5 KU Krebs Stromer, at 23°C |
| Solids content | By weight, approx. 38 %, By volume, approx. 23 %. |
| Volatile Organic Compound (VOC) | Approx.:550 g/L. |
| Drying at 20°C/65% RH | Dust dry: After approx. 120 minutes, Tack free: After approx. 4 hours. **Re-coatable: from 12 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 plac**e every year for decks,** and every 2 - 3 years for vertical surfaces depending on the exposure to the elements. |

## SYSTEM SPECIFICATION

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| 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. |
| 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.<br><br>1.Sand bare dense hardwood using 60-80 grit sandpaper, for softwood using 100-120 grit sandpaper.<br>2a. For tannin-rich new 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. |

2b. 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 one coat of Cetol® Deck Ultra in the selected colour. End grains, nail holes, cavities and cracks in the timber must be heavily coated.
4. Allow the first coat to dry. Where necessary fill holes and cracks with Nordsjo Professional Flexible Wood Filler or a similar product. Allow the repair to dry, then light sand and dust, and touch up with Cetol® Deck Ultra to match the surrounding areas. Allow the coated repair to dry and then apply 2 finishing coats of Cetol® Deck Ultra on the entire deck.

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

**Revitalizing 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, rinsing well. Allow to dry completely prior to applying any coating.
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

Inspect the finish on the surface at regular intervals. Depending on the condition of the finish, clean, degrease the surface 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 the repair to dry, then sand lightly and dust. Touch up the repair with Cetol® Deck Ultra. Allow the coated repair to dry and apply one or two coats of Cetol® Deck Ultra on the entire deck.

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

Ensure timber moisture content is below 15%. Temperature between 5-35°C Relative humidity: max. 85%. DO NOT use if rain or dew is likely before the product has dried. At temperatures below 10°C, the drying process will be delayed. Drying process may also be retarded when used internally with insufficient air flow / ventilation or in conditions of high humidity. 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. If using more than one can, it is advisable to mix them together in a larger container or finish in a corner before starting the new can to ensure colour consistency. Avoid heavy wear and tear on the decking for a few days after application.

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| Thinning | None. Ready for use after thorough stirring (thinning will reduce UV protection). |
| Cleaning of equipment | Clean brushes and equipment immediately after use with mineral turpentine/white spirit. |
| Advised layer thickness at 20°C/65% RH | Dry: Approx. 13 – 16 microns per coat<br>Wet: Approx. 50 – 60 microns<br>A Cetol® Deck Ultra system should have a minimum dry film thickness of 20 – 25 microns. |
| Coverage | Approx 10-12 $m^2$/L. Coverage greatly depends on the timber species, which is coated, the surface condition, the method of application and conditions during application. |
| Packaging size | 1 L, 4 L, 10 L & 20 L. |
| Shelf life & storage conditions | Minimum 24 months in original and unopened packaging.<br>Keep in a cool frost-free place. Stored in dry warehouse at temperatures between 5 and 30°C. |

## FURTHER SUPPORT

If you need further support, please contact Prep Productions on 1300 799 432 – 5 days. Prep Productions is an authorised distributor of Sikkens Cetol Timber Finishes in Australia. Always read full Health, Safety & Environmental Information on can before use.

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.