

CETOL BLX-PRO

TECH SHEET



DESCRIPTION

Quick drying water based exterior timber finish for hard and soft woods.

GENERAL NOTES

Main Characteristics	<ul style="list-style-type: none"> • Low film-build: natural aspect of wood. • Easy to apply: very good flow. • Long open time, extremely fast drying. • Good outdoor durability. • Good penetration of first coat into the wood. • Good adhesion on bare wood; also in humid conditions. • Permanent flexibility. • Stabilization of wood against climatic changes. • Micro porous. • Non – dripping. • Highly translucent, enhances the natural texture of wood.
Uses	<ul style="list-style-type: none"> • As an all-in-one system or as a primer in water-borne translucent systems for all kinds of exterior timber surfaces. • Very suitable for constructions with large timber surfaces such as claddings, balcony railings, garden fences etc.

APPLICATION DATA

Temperature of Application	Temperature between: 8 – 30oC. Relative humidity: Max. 85%.
Method	Brush. Ready for use after thorough stirring Viscosity: Can be applied without thinning.
Thinning	Water. Ready for use.
Cleaning of Equipment	Clean brushes and equipment immediately with lukewarm water. Add household detergent when necessary. Do not use hot water.
Coverage Rate	Smooth wood: approx. 18m ² per litre. The coverage rate depends greatly upon the timber species and the texture of the surface, the method of application and conditions during application.
Film Thickness	Wet 50 - 60 microns: Dry 13 - 16 microns, per coat. A three coat Cetol BLX-Pro system should have a minimum dry film thickness of 20-25 microns.
Drying time at 20°C/65% relative humidity	Dust dry: after approx. 20 minutes Tack free: after approx. 2 hours Recoatable: after approx. 2 hours
Volatile Organic Compound	Approx.: 56g/L

PACKAGING VISCOSITY (Approx. 34 s ISO Cup 4/20°)	
Density	Approx. 1.041 kg/dm ³
Solids Content	Approx. 28% by weight = Approx. 25% by volume.
Gloss Level	Low Satin, approx. $\geq 30 \text{ GU} \pm 5 \text{ GU}/600$ (ASTM D523) (on black PVC)
Exterior Durability	Durability depends greatly on quality of substrate, the quality of the construction and glass setting as well as the quality of the indoor paintwork.
Minimum Shelf Life	24 months if stored in unopened packaging. Keep in a cool frost-free place.
Storage Conditions	Stored in dry warehouse at temperatures between 5 – 30°C.

AVAILABILITY							
Packaging	1, 2.5 and 5 litre cans, plus 006, 077 and 085 also in 10 and 20L sizes.						
Colour Range	<table border="0"> <tr> <td>006 Light Oak</td> <td>009 Dark Oak</td> <td>010 Walnut</td> </tr> <tr> <td>077 Pine</td> <td>085 Teak</td> <td></td> </tr> </table> <p>The resulting colour effect depends up the layer thickness and on the species on which Cetol BLX-Pro is being applied.</p>	006 Light Oak	009 Dark Oak	010 Walnut	077 Pine	085 Teak	
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SYSTEMS	
Timber Moisture Content	Moisture content of timber to be coated should not exceed 15%
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.
<u>NEW WOODWORK</u>	<p>New Woodwork: Apply a three coat system using Cetol BLX-Pro. For best results, keep the interval between applications of the coats as short as possible. This period should not exceed 1 month.</p> <p>Maintenance: Should take place every 1-2 years, depending on the condition of the finish and applied system.</p>
<u>PREVIOUSLY STAINED WOOD SURFACES:</u>	<p>Clean, degrease intact coatings with detergent solution / water and sand lightly, (do not sand the film from the edges): after thorough drying apply one or two coats of Cetol BLX-Pro.</p> <p>Transparency: In order to maintain the translucent appearance of a Cetol BLX-Pro, especially over a longer period, it is recommended to use light colours, 077 or 006, for maintenance applications.</p>

POINTS TO NOTE

1) New or un-seasoned hardwoods such as Merbau (Kwilla), Tallowwood, Spotted Gum, Jarrah and Ironbark all contain natural tannins. These tannins need to be extracted prior to coating. This can be done naturally by leaving the timber to weather in the elements for a minimum period of six months. As an alternative, this weathering process can be accelerated by applying Sikkens Cetol BL Tannin & Oil Remover to the timber substrate – 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 thoroughly rinse with pressure washer or hose. Allow to completely dry prior to applying Cetol BLX-Pro.

NB: When using Sikkens Cetol BL Tannin and Oil Remover and / or Sikkens BL Deck and Wood Cleaner ensure the products do not dry: if necessary lightly spray fresh water mist to ensure these products remain active during the period that they have been applied onto the timber surface.

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

The effectiveness of our systems is based on many years of practical experience and laboratory research. Nevertheless, we cannot accept, without prior investigation, any liability for the work produced according to these systems as the ultimate result depends on factors beyond our control.