

1 July 2014

## **CETOL BLX-Pro**

**Description: General Notes** 

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

**Main Characteristics:** 

• 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.

Use:

• 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:  $8 - 30^{\circ}$ C. 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<sup>2</sup> 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

Dust dry: after approx. 20 minutes Tack free: after approx. 2 hours Recoatable: after approx. 2 hours

humidity:

Approx.: 56 g/L

Volatile Organic

Compound



2 July 2014

**Packaging Viscosity:** Approx. 56 sec. ± 5 seconds DIN Cup 4, at 23°C.

**Density:** Approx. 1.041 kg/dm<sup>3</sup>

**Solids Content:** Approx. 28% by weight = Approx. 25% by volume.

Gloss Level: Low Satin, approx.  $\geq 30 \text{ GU} \pm 5 \text{ GU/}60^{0} \text{ (ASTM D523)}$  (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 paint-

work.

**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  $5 - 30^{\circ}$ C.

**Availability** 

**Packaging:** 1, 2.5 and 5 litre cans, plus 006, 077 and 085 also in 10 and 20L sizes.

**Colour Range:** 006 Light Oak 077 Pine

009 Dark Oak 085 Teak

010 Walnut

The resulting colour effect depends up the layer thickness and on the

species on which Cetol BLX-Pro is being applied.

**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.

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.

Maintenance:

Should take place every 1-2 years, depending on the condition of the

finish and applied system.

Previously stained wood surfaces:

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.

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.



## **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.