Cetol WF 748

Product description

Waterborne, transparent, matt mid and top coat for wooden constructions exterior and interior. Low i.e. medium build translucent system, emphasizes as a natural effect varnish the characteristic wooden structure.
- wood moisture regulating
- good flow
- easy to apply
- tested according to DIN EN 71 Part 3 "Safety of toys"

Colour

Translucent, colour tints e.g. from the Joinery Color Classics collection.
All translucent colours can be mixed with each other. The optical impression of the individual translucent colours on different substrates and with different layer thicknesses is different, therefore sample coatings have to be applied to the wood to be treated. Medium to highly pigmented translucent colours are more weather-resistant than low pigmented colours. Colourless coatings are not suitable for outdoor use.
On timber rich in extractives, e.g., oak, larch or tropical wood, discolouration may occur – partially only as a result of weathering.

Gloss level

Deep matt

Binder type

Acrylate

Density (specific weight)

approx. 1.00 - 1.03 kg/l

Packaging

20 l

Processing

Spraying
Wet film thickness: 2 x 80 - 120 µm or 1 x 150 up to max. 200 µm
We recommend applying two layers of each colour shade.
Since this product is used for both dimensionally semi-stable and stable components, where different layer thicknesses are tob e applied, the colour intensity will vary.

Consumption

80 - 150 ml/m², depending on applied wet thickness per coating, without overspray.

Thinning

Ready to use.
If necessary with water max. 5 %.

Application temperature

15 - 25 °C for substrate, air and material at approx. 60 % R.H.

Drying time

Drying at:	Standard atmosphere: 23°C / 50% rel. humidity	Forced at 40°C
Dust dry	approx. 60 minutes	approx. 30 minutes
Sandable	approx. 3 - 4 hours	approx. 60 minutes
Recoatable	approx. 4 - 6 hours	approx. 1 - 2 hours

Drying

The drying process of the coating depends on the applied film thickness and may be delayed when using timber with a high extractive contents or drying in damp/cold conditions. During the drying process, always ensure for adequate temperature and ventilation. If the drying conditions are not met, damages within the coating cannot be excluded.

Cleaning of equipment

Clean with water immediately after use and, if required, add some commercially available washing-up liquid or ST 830.

Storage

The minimum shelf life in the unopened original container is two years; Storage temperature +5 - +30 ° C.
After expiry of the BBD, the product may still be processable, but the product properties may differ from "fresh" material. For that reason, the user must apply expired material with particular attention.
Started containers must be closed carefully! Store in a cool but frost-free place.

Disposal

Only empty containers may be recycled. Dispose of material residues according to local regulations. The EC waste code applicable to such material is: 08 01 12

Safety Data Sheet

Further data in the Material Safety Data Sheet according to 91/155/EEC www.sikkens-wood-coatings.com Downloads Safety Data Sheets

Warning

Before use, read the identification and product information. Always follow customary protection measures, even when working with low emission products.

VOC Directive

EU limit value for this product (cat. A/e): 150 g/l (2007)/130 g/l (2010). This product contains max. 80 g/l VOC.

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General instructions

The wood moisture content for the application of Sikkens coating systems should be between 12 % and 15 %. The selected wood, the design and the applied layer thicknesses must comply with current technical standards. All horizontal surfaces shall be bevelled by 15 ° and all edges shall be rounded with a radius of at least 2 mm. Joints and open end grains must be sealed to prevent the ingress of water into the structure. The substrates must be dry, free from dust and grease. The selection and application of the coating, especially the colour shade, is important, too. Dark coatings in the exterior may lead to an elevated surface temperature (up to 80 °C).

For use in technical industrial companies. Only to be used in approved and recommended Sikkens Wood Coatings coating systems.

Notes

The coating system mentioned here is only an example; other systems are possible. Please refer to the relevant Technical Data Sheets and ask your Sikkens Wood Coatings Sales Representative or the factory for advice about coating systems.
All external materials coming into contact with the coating system (e.g. putty, adhesive tapes, sealants, cleaners, etc.) must be tested for compatibility by the user.

Coating recommendation

When coating hardwood, we recommend using a pore filling midcoat.
Information on the maintenance coat: Only waterborne coating systems may be used for recoating!
Renovation coating (yearly, depending on the condition of the object) with e.g. Cetol WP 511, Cetol WF 761 or Cetol WF 748.

Coating system : Semi-stable wooden constructions	
Impregnation	Cetol WV 880 BPD
Primer	Cetol WP 566
Mid coat	Cetol WM 665 / WM 675
Top coat	Cetol WF 748

Coating system : Stable wooden constructions	
Impregnation	Cetol WV 880 BPD
Primer	Cetol WP 566
Mid coat	Cetol WM 610 / WM 665 Cetol WM 675 / WM 680 Cetol WF 748
Top coat	Cetol WF 748

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