

CETOL® WF 771

5188-018451-XXX

sikkens

WOOD COATINGS



Product description	Thinning	
Waterborne, translucent, mat, primer, mid and top coat for wooden constructions with OilFinish character. Suitable as a 1-pot-3-coat system, exterior and interior. - moisture permeability - high water vapour permeability - good UV protection - tested according to DIN EN 71 Part 3 "Safety of toys"	Ready to use. Do not dilute!	
Colour	Application temperature	
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.	15 - 25 °C for substrate, air and material at approx. 60 % relative humidity of air	
Gloss level	Drying time	
Matt	Drying at:	Standard atmosphere: 23°C / 50% rel. humidity
Binder type	Dust dry	Forced at 40°C
Acrylic alkyd resin combination	approx. 30 minutes	approx. 30 minutes
Pigments	Sandable	approx. 60 minutes
Lightfast, weather resistant translucent pigments	Recoatable	approx. 1 - 2 hours
Density (specific weight)	Drying	
approx. 1.00 - 1.03 kg/l	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.	
Packaging	Cleaning of equipment	
5188-018451-030 - 2.5 l 5188-018451-100 - 10 l 5188-018451-650 - 120 l	Clean with water immediately after use and, if required, add some commercially available washing-up liquid or ST 830.	
Processing	Storage	
dipping, flow-coating, brushing Brushing machine, vacuum coater	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.	
Consumption	Disposal	
80 - 150 ml/m ² , depending on the application method, type and absorbency of the wood (exact values must be determined by trial coating) After the application, the surface must be absolutely free from excess material.	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	

Products from AkzoNobel Wood Coatings are exclusively produced for professional and industrial users, who have a basic knowledge of the handling and application of chemical/technical products for surface design. The processing instructions for reaching the qualities given in the leaflets should be regarded as non-binding recommendations and do not constitute any warranty. These recommendations are based on our experiences, including test series, and should facilitate and promote the work of our clients. Any potential deviation from ideal working conditions is within the responsibility of our clients and may affect the (end) result of the application. The purchaser is not relieved from his duties to inspect the product and its suitability for the surface to be processed, preferably through trial processing. If in any doubt as to the handling or processing of the purchased product, our material experts as well as our application and laboratory technicians will help you to the best of their ability. AkzoNobel, of course, guarantees an impeccable quality of its products in its product specifications, yet the use thereof lies entirely within the responsibility of the purchaser. As long as we have not guaranteed - in writing - the specific characteristics and suitability of a product for a contractually agreed purpose, any advice or information given regarding the application or handling, even if the advice or information is given to the best of our knowledge, will not be binding nor will it constitute a warranty. AkzoNobel's liability for the use of its products by its customers is limited in its General Sales and Delivery Conditions, to which the purchaser is hereby referred. The applicable version of the Technical Data Sheet for this product can be downloaded from our websites. Previous versions of the Technical Data Sheets are rendered void with the issue of a new one. Date of issue: 2021-11-25 / 10

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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. 50 g/l VOC.

Coating recommendation

To keep the color of a coating, it might be necessary, depending on the weathering, to overcoat the surface annually with WF 771. If the surface is not recoated, the timber will get naturally grey.

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.

System recommendation for semi stable and non-stable elements

Impregnation	Cetol WP 540 Please do not use any BPD product on top of another BPD product. Cetol WP 567 BPD
Primer	Cetol WF 771
Mid coat	Cetol WF 771
Top coat	Cetol WF 771

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