

CETOL WUF 9140-03-05 5525-002051

sikkens
WOOD COATINGS



Product description

Waterthinnable, clear, deep matte, UV curing top coat only for wood-alu windows. - easily stackable

Colour

Colourless

Gloss level

Deep matt

Binder type

Acrylate

Density (specific weight)

Approx. 1,05 kg/l

Packaging

5525-002051-700 - 200 L

Processing

Spraying 1 x 100 g/m² up to 120 g/m² max.

Consumption

85 - 105 ml/m², depending on applied wet film thickness and coat

Thinning

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

Application temperature

15 - 25 °C for substrate, air and material at approx. 60 % relative humidity of air

Drying time

Drying at:	Forced at 40°C
Dust dry	approx. 15 minutes
Sandable	After UV curing
Recoatable	After UV curing
Stackable	After UV curing

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 (BBD) in the unopened original container is one year; 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

EC limit value for this product (cat. A/e): 150g/l (2007) / 130g/l (2010). This product contains max. 40 g/l VOC.

Coating recommendation

When coating hardwood, we recommend using a pore filling midcoat. The coating can be reworked with recommended products during renovation after slight sanding and dust removal.

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: 2023-05-29 / 6

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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.

System recommendation for semi stable wooden constructions: In order to correspond to the generally higher fluctuations of wood moisture in such constructions, the coating systems may only be applied in a thin layer. The total wet film thickness should not exceed 200 µm. Mid-coats are not required.

Coating system

Impregnation	Cetol WP 567 BPD
Primer	Cetol WP 566
Top coat	Cetol WUF 9140-03-05

UV curing

The product is physically dry after hot air drying and / or infrared drying, but only crosslinked; chemical resistant and stackable after UV curing with mercury and gallium lamps. Curing depends on various conditions, e.g. the amount applied, UV intensity, line speed, temperature, etc. Tests were performed with the following standard settings: 100 W Ga + 100 W Hg 10 m/min

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