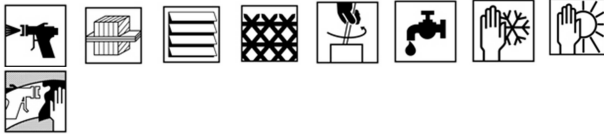


# Cetol WF 791



## Product description

Waterthinnable, translucent, satin matt base and top coat for profile boards in a one pot, two coat system, exterior and interior.

- high water vapour permeability
- good weather resistance
- good UV protection
- 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

Satin matt

## Binder type

Acrylate

## Pigments

Lightfast, weather resistant translucent pigments

## Density (specific weight)

Approx. 1.05 kg/l, depending on the colour tone

## Packaging

20 l, 120 l

## Processing

Spraying, vacuum coater  
Only spray horizontally; wet film thickness per coat: max. 80-100µm.

## Consumption

80 - 150 ml/m<sup>2</sup>, depending on application method, type and absorption of timber (exact values must be established via sample).

## 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. 30 minutes	approx. 30 minutes
Sandable	approx. 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](http://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.

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.

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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.

Foam formation during the application can be reduced by using defoamer WV 887. For information concerning the dosage, please see the relevant Technical Data Sheet.

### Coating recommendation

The coating system can only be recoated with a recommended solventborne product when it is renovated, after cleaning with the special cleaning agent, slightly sanding and cleaning of dust.

### Coating system : Semi-stable wooden constructions

Impregnation	Cetol WV 880 BPD
Primer	Cetol WF 791
Mid coat	
Top coat	Cetol WF 791

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EMEA HQ

Akzo Nobel Hilden GmbH ● Düsseldorf Str. 96 - 100 ● 40721 Hilden ● Deutschland ● [www.akzonobel.com/wood](http://www.akzonobel.com/wood)