spraying | vacuum coater | limited dimension stable wooden constructions | non dimension stable wooden constructions | stir before use | water thinnable | store and transport in a frost free area | store in a cool place | cleaning of equipment with water

sikkens WOOD COATINGS

Cetol WF 791

Product description	Waterthinnable, translucent, satin matt base and finish for profile boards in a one pot, two coat system, exterior and interior. - ready to use - high water vapour permeability - good weather resistance - good UV protection
Colour	With the choice of the different translucent colours, one should observe the Rosenheimer paint classification table. All translucent colours can be mixed with each other. The optical appearence of different systems can differ depending on substrate and wet film thicknesses, for this reason one should make trials before application. Dark translucent colours give better weather durability than light colours. Colourless systems are not suitable for exterior. Timbers which contain extractives i.e. Oak, Larch or tropical woods can cause discolouring - these can appear after weathering. Translucent, colour tints i.e. from the Joinery Colour Collection.
Gloss level	Satin-matt
Binder type	Acrylic Copolymer
Pigments	Light genuine, weather resistant translucent pigments
Packaging	20 L, 120 L
Processing	Spraying, vacuum coater Only spray horizontally; wet film thickness per coat: max. 80-100µm.
Consumption	80 - 150 ml/m², depending on application method, type and absorbtion of timber (exact values must be establish via sample).
Thinning	If necessary with water max. 5 %.
Application temperature	15 - 25 °C for substrate, air and material at approx. 60 % R.H.
Drying times	Drying at 23 °C / 50 % R.H. Dust dry: after approx. 30 minutes Sandable: after approx. 4 hours Recoatable: after approx. 4 - 6 hours waterborne The drying process of the coating depends on the applied wet film thickness and can extend when using timber with a high extract contents or drying in damp/cold conditions. During the drying process one should ensure for adequate temperature and ventilation. If the drying conditions are not upheld, damages within the coating cannot be warranted.
Cleaning of equipment	Clean directly after use with water, if needed with washing up liquid or with ST 830.
Storage	The minimum storage stability of sealed containers is 2 years. Storage temperature: +5 - +30 °C. After ending of the storage time the product still can be usable, but some attributes may vary from new product. Therefore such over-stored product has to be applied with special attention. Opened cans must be sealed correctly! Store in a cool but frost-protected area.
Disposal	Only residue emptied cans can be disposed via recycling. Liquid wastes must be disposed of according to national regulations or according to EU-disposal key 08 01 12.
Hazard identification	In accordance with EC guide lines - Material safety data sheet, point 15.
Warning	Before use, read the identification and product information. Even when working with low emission products one should take care of the customary protection measures.
General instructions	The wood moisture content for the application of Sikkens coating systems should be between 12 % and 15 %. According to the guidelines for window coating systems, published by the Federal German Committee for Paint and Material Value Protection (Instruction Leaflet No. 18), of VOB, Part C, DIN 18363, and the recommendations of the German Institute for Window Technology e.V. in Rosenheim, all wooden constructions in buildings must be coated on all sides with at least one primer and one intermediate coat (minimum dry film thickness 30 µm) before they are incorporated in buildings. The choice and use of the coating system, especially the colour shade, should also be taken into account. Darker shades can increase the surface temperature (up to 80 C). For use in a technical industrial companies and exclusively released for Sikkens systems recomondations. To ensure a correct adhesion of the following coating system, the paint system should not be sanded down to the substate.
VOC guideline	EU limit value for this product (Kat. A/e): 150 g/l (2007)/130 g/l (2010). This product contains max. 80 g/l VOC.
Relevant information	The here mentioned coating system is only an example, other systems are possible. All external materials (i.e. fillers, tapes, sealing compounds, cleaners) must be checked for compatibility with the coating system before use. Please observe the relevant Technical Data Sheets or seek advice from the Sikkens sales representative or contact the technical centre. Foam formation during the application can be reduced by using defoamer WV 887.

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	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 maintenance product, after cleaning with the special cleaning agent, slightly sanding and cleaning of dust.

System structure: Dimensional semi stable wooden constructions

Impregnation	Impregnation for the wood resistance class 3-5. Do not use more than one BPD-product in ONE system. Cetol WV 880 BPD Cetol WV 885 BPD+
Primer	Cetol WF 791
Top coat	Cetol WF 791

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