



dipping



application by brush



for windows



for doors



limited dimension
stable wooden
constructions



non dimension
stable wooden
constructions



stir before use



store in a cool place



cleaning of
equipment with ST
825



sikkens
WOOD COATINGS

Cetol SP 520

Product description Solventborne, transparent base stain for wooden constructions made of pine and leaf wood, exterior and interior.

- deep penetration
- stabilizing
- wood moisture regulating
- coloring
- 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 appearance 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.

Binder type Alkyd resin

Pigments Light genuine, weather resistant translucent pigments

Packaging 20 L

Processing Dipping, brushing

Working viscosity is approx. 13 seconds in a DIN cup 4 mm i.e. approx. 38 - 44 seconds in a ISO cup 3 mm at 20° C material temperature.

Consumption 50 - 160 ml/m², depending on application method, type and absorption properties of wood (exact values must be established through a sample)

Thinning If necessary with max. 5% ST 825.

Application temperature +5 - 30 °C for substrate, air and material at approx. 60 % R.H.

Drying times 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. Drying at 23 °C / 50 % R.H.
 Dust dry: after approx. 2 hours
 Sandable: after approx. 18 hours
 Recoatable: after approx. 24 hours

Cleaning of equipment With the thinner ST 825 or Turpentine.

Storage A dipping tank containing material must be covered correctly and stirred or circulated regularly. 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 11.

Hazard identification In accordance with EC guide lines - Material safety data sheet, point 15.

Warning The substance is not to be employed near water courses. They are only to be used according to the instructions and in the permitted areas. Misuse can lead to health and environmental damages. Not for use for timber, which has direct contact with food or food preparation. Due to the fat soluble effect, it is recommended to wear rubber gloves when in constant use. If it comes in contact with eyes, rinse with plenty of water, i.e. contact a specialist. This product can, if distributed finely, due to the type of binder have the risk of self combustion. Dry spray dust and thin dust deposits are flammable and therefore immediately to remove. When cleaning, it is important to collect deposits and cleaning materials and place them in lockable, non-flammable containers. After cleaning the waste dustbins should be closed air tight.

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 recommendations. To ensure a correct adhesion of the following coating system, the paint system should not be sanded down to the

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substrate.

VOC guideline EU limit value for this product (Kat. A(h)): 750 g/l (2007)/750 g/l (2010). This product contains max. 675 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.

System structure: Dimensional 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 885 BPD+ Cetol WV 880 BPD
Primer	Cetol SP 520
Mid coat	Cetol WM 665 Cetol WM 610 Cetol WM 675
Top coat	Cetol WF 980 Cetol WF 965 Cetol WF 960 Cetol WF 957 Cetol WF 952 Cetol WF 945

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