



automatic dipping



flow coating



vacuum coater



for windows



for doors



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



wear protective
gloves



Wear protective
mask

sikkens
WOOD COATINGS

Cetol WP 562 BPD

Product description Waterborne, translucent base stain (fluid timber protecting agent) with blue stain fungi protection for wooden constructions, exterior.

- ready to use
- deep penetration
- good run-off properties
- coloring

Active ingredient The substances are notified according to the guidelines 98/8/EG. and correspond to the requirements of the examination EN 152.1 against blue stain fungi.

0,6 g/100 g propinylbutylcarbamate iodine

0,9 g/100 g propiconazol

BAuA-registration Nr. N-40652

Wood protection agents must be registered according to the BPD. (BPD = Biocide Product Directive)

Uptake consumption The examination follows the uptake value: 120-160 ml/m² i.e. 123-164 g/m² for timber in the resistance classes 3-5

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 Acrylic Copolymer

Pigments Light genuine, weather resistant translucent pigments

Packaging 5 L, 20 L, 100 L

Processing Working viscosity is approx. 11 seconds in a DIN cup 4 mm i.e. approx. 23 - 25 seconds in a ISO cup 3 mm at 20° C material temperature.

Brushing machine, vacuum coater

EU-Regulation No. 528/2012: This product must only be used in fully automated dipping processes where all steps in the treatment and drying process are mechanised and no manual handling takes place, including when the treated articles are transported through the dip tank to the draining/drying and storage (if not already surface dry before moving to storage). Where appropriate, the wooden articles to be treated must be fully secured (e.g. via tension belts or clamping devices) prior to treatment and during the dipping process, and must not be manually handled until after the treated articles are surface dry.

automated dipping, flow-coating

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 water max. 5 %.

Application temperature 15 - 25 °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. 30 minutes

Recoatable: after approx. 4 - 6 hours waterborne

Cleaning of equipment Clean directly after use with water, if needed with washing up liquid or with ST 830.

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 03 02 02.

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

Warning The Impregnation serves as a protection of none statically subjected wooden constructions without earth contact, exterior, against blue stain and rot according to DIN 68800, part 3.

Not for use with wood which has got direct contact with food or food preparation. Only for the use of qualified enterprises

Dipping tanks or reservoirs: when using metal reservoirs, we recommend using None rusting steel i.e. V2A, the use of other materials can lead to corrosion.

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Biocide products must be handled carefully
 Before use, read the identification and product information. Even when working with low emission products one should take care of the customary protection measures.
 Not to be used near waterways. The fluid must not enter water. Wood preservatives contain biozid substances for the protection against pest control. They are only to be used according to instructions and in permitted working areas. Misuse can lead to a hazard to health.

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 substrate.

VOC guideline EU limit value for this product (Kat. A/f): 150 g/l (2007)/130 g/l (2010). This product contains max. 80 g/l VOC.

Relevant information The the denibbing process may only be made after the following coating system. 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 application can be reduced by using defoamer WV 890. For information concerning the dosage, please see the relevant Technical Data Sheet.

Coating recommendation When using the light shades on timber with high extract contents (i.e. Meranti, Larch, Oak) discolouration due to moisture may appear. We do not recommend using the product in whitish, translucent colour systems such as "opal white" because it could cause yellow discolouration.

System structure: Dimensional stable wooden constructions

Impregnating primer	Cetol WP 562 BPD
Mid coat	Cetol WM 675 Cetol WM 665 Cetol WM 610
Top coat	Rubbol WF 387 Rubbol WF 382 Rubbol WF 380 Rubbol WF 378 Rubbol WF 375 Cetol WF 980 Cetol WF 965 Cetol WF 960 Cetol WF 957 Cetol WF 952 Cetol WF 945

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