

CETOL® SP 520

1128-001001-200

sikkens
WOOD COATINGS



Product description

Solventborne, transparent primer for wooden constructions made of pine and leaf wood, exterior and interior. - deep penetration - stabilizing - wood moisture regulating - colouring - good UV protection

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.

Binder type

Alkyd resin

Pigments

Lightfast, weather resistant translucent pigments

Density (specific weight)

Approx. 0.8 - 0.9 kg/l depending on colour tone

Packaging

1128-001001-200 - 19.6 l

Processing

Dipping, brushing Processing viscosity is approx. 13 seconds in a DIN cup 4 mm or approx. 38 - 44 seconds in an 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 by tests).

Thinning

Ready to use. If required, with 5% of ST 825 max.

Application temperature

+5 - 30 °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. 2 hours	approx. 30 minutes
Sandable	Approx. 18 hours	approx. 6 hours
Recoatable	Approx. 24 hours	approx. 8 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

With Thinner ST 825 or Turpentine.

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. Stated containers must be closed carefully! Store in a cool but frost-free place. Dipping tanks containing material must be covered correctly and stirred or circulated regularly.

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 11

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

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: 2021-07-29 / 8

EMEA HQ

Akzo Nobel Hilden GmbH ● Düsseldorf Str. 96 - 100 ● 40721 Hilden ● Germany ● www.akzonobel.com/wood

AN_204450_060919

1/2

AkzoNobel

AN_204450_060919

Warning

Do not allow the products to enter any water courses. They are only to be used according to the instructions for use and only in the permitted fields of application. Misuse might be harmful to health and environment.

Do not use for timber, which has direct contact with foodstuffs or animal feedingstuffs. 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 and contact an eye 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 must be removed immediately. When cleaning, it is important to collect deposits and cleaning materials and place them in lockable, non-flammable containers. After cleaning, the wast container should be closed air tight.

VOC Directive

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

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).

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

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.

Coating system

Impregnation	Cetol WP 567 BPD
Primer	Cetol SP 520
Mid coat	Cetol WM 6900-02
Top coat	Cetol WF 945 / WF 960 / WF 965 Cetol WF 9810-03-xx

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: 2021-07-29 / 8

EMEA HQ

Akzo Nobel Hilden GmbH ● Düsseldorf Str. 96 - 100 ● 40721 Hilden ● Germany ● www.akzonobel.com/wood

AN_204450_060919

2/2