Product Description

Product description	WoodColor sg 6.15 W 100 is a water-based, semi-gloss, transparent to opaque, diffusion-open coating for all dimensionally stable and limited dimensionally stable wood components in interior and exterior areas.
Intended use	Water-based, semi-gloss, diffusion-open coating with insulating effect against water-soluble wood constituents for all dimensionally stable and limited dimensionally stable wood components in interior and exterior areas with which glazing to opaque coatings can be achieved.
Product properties & Advantages	• Insulating effect against water-soluble wood ingredients, reduces discoloration of light-colored coatings • Block-proof / stackable • Weather resistant • Diffusible • Excellent edge coverage • Insensitive to dirt • Suitable for industrial application (automatic brush machine, Vacumat, industrial spraying) • For limited dimensionally stable and dimensionally stable components • Viscosity: approx. 100 seconds DIN 4mm cup (according to DIN EN ISO 2431) - adjusted ready for use
Quality levels (BNB)	QN 1 to QN 4 fulfilled (75 points)
Packaging sizes	2,5 L / 20 L
tablable	Yes
UV-resistant	Yes
Shade collections	RAL (840 Hr) / NCS / CD Holz 2020
Color fastness	Class: A Group: 1-3 (depending on shade)
Product is a biocidal product	No
The stew system	Yes
Algicidal and fungicidal film protection	No
GISCode	BSW30 Coating materials, water-based, solvent-based

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Technical Data

Binder	pure acrylate
Degree of gloss	silk gloss (25 GU, 60°)
Density	1.04 g/cm³
Viscosity	100 s (DIN EN ISO (DIN 4 mm outlet cup))

Drying time with 20°C and 60% relative humidity	dust dry after	overpaintable after
	1 Hours	**4 Hours**

Revision Note:
For the best possible insulating effect (white / Base 3), a drying time of >= 16 hours must be observed before reworking.

Stackable: After 24 hours

The drying times may vary with forced drying. Low temperatures and/or poor air circulation may have a negative effect on the drying process.

Consumption	80 - 150 ml/m²
Diluability with water	Yes
Flash point (DIN 51 755)	n.a.

Application quantity		
Base coat	80 - 150 ml
Intermediate coating	/
Top coat	100 - 150 ml

Block strength	Tested according to DIN EN ISO 927-10
Isolating effect	Wood ingredients
VOC category	WB - Water-based, d - Wood and metal paints for building decoration and cladding (interior and exterior)
VOC-limit	275 g/l of product minus water
VOC value	Wb: VOC ≤ 130g/l
VOC content (EU)	5 g/l

Processing & Cleaning

Application method	Brush, Vacumat, Industrial spraying, Paint
Work preparation	Requirements for the substrate: The substrate must be clean and dry, free from dust, grease and separating substances, and properly prepared. Preparations: Observe specifications and BFS Leaflet No. 18 "Coatings on wood and wood-based materials in exterior areas". Remove residues of knots and open resin spots and clean with suitable agents.
Work tools	Acrylic brush, Surface brush, Short pile roll, Sprayers, Brassiere, Vacumat

Cleaning of tools	Clean tools after use with water or suitable cleaning agents such as DEL-TA®-CLEANER.
Comment on application	The optimum processing conditions for the environment, substrate and material are Temperature: +15°C to max. +25°C rel. Humidity: 50% to 70% The application quantity may vary depending on the component, application method and application. The total application quantity should not be less than 260 g/m². The insulating effect against water-soluble wood constituents is visually effective from the second coat onwards. A third coat is recommended for woods and knots that are particularly rich in substances.

Possible system products

Impregnation grounds	Holzschutz-Grund 1.06 W (Biocidal product - not available outside Germany, please use LUCITE® 502 Xtra Protect 2in1 Aqua or LUCITE® 503 Impregnation)
Coating quality	WoodColor sg 6.15 W 100 , Wetterschutzfarbe 7.01 W

Notes

Pigmentation notes	It is not permissible to use the colourless shade outdoors. We recommend the use of our stain products in sufficiently pigmented colours only.
Test reports, expert opinions, services	Allergy advice Information on fire behavior Assessment system for sustainable building (BNB) 1.1.6 Classification according to Swiss environmental label Emission behavior Indirect contact with food Certificate of conformity Cleanability / resistance to disinfectants RoHS conformity Safe use sd value and W value Environmental Product Declaration (EPD) Certifications
Safety note	Product safety information required for safe handling is not included in this document. Read product and material safety data sheets and labels on containers for safe handling and health and safety information before use.

Revisions and Disclaimer

Disclaimer	The information in this technical data sheet is based on our current knowledge and experience. In view of the wide range of factors which could influence our products during their processing and use, it does not release the user from the need to conduct own tests and experiments. No legal guarantee of particular properties or of suitability for a specific purpose can be derived from our information.

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