



Product Description

Product description	WoodColor sg 6.15 W 100 +F is a water-based, semi-gloss, translucent to opaque, diffusion-open coating with film preservation for all dimensionally stable and limited dimensionally stable exterior wood components.	
Intended use	Water-based, silk-gloss, diffusion-open coating with film preservation and insulating effect against water-soluble wood constituents for all dimensionally stable and limited dimensionally stable exterior wood components with which glazing to opaque coatings can be achieved.	
Product properties & Advantages	<ul style="list-style-type: none"> • 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	
tabletable	Yes	
UV-resistant	Yes	
Shade collections	<input type="text" value="RAL (840 Hr)"/> <input type="text" value="NCS"/>	<input type="text" value="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	Yes	
GISCode	BSW50 Coating materials, water-based, solvent-based, film-protected	

Technical Data

Binder	pure acrylate	
Degree of gloss	silk gloss (25 GU, 60°)	
Density	1.03 g/cm ³	
Viscosity	100 s (DIN EN ISO 2431 (DIN 4 mm outlet cup))	
Drying time with 20°C and 60% relative humidity	dust dry after	overpaintable after
	1 Hours	4 Hours
<p>Revision Note: For the best possible insulating effect (white / Base 3), a drying time of > = 16 hours must be observed before reworking.</p> <p>Stackable: After 24 hours</p> <p>The drying times may vary with forced drying. Low temperatures and/or poor air circulation may have a negative effect on the drying process.</p>		
Consumption	80 - 150 ml/m ²	
Diluability with water	Yes	
Flash point (DIN 51 755)	n.a.	
Application quantity	Base coat	80 - 150 ml
	Intermediate coating	/
	Top coat	80 - 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)	97 g/l	

Processing & Cleaning

Application method	Brush, Vacumat, Industrial spraying, Paint
Work preparation	<p>Requirements for the substrate: The substrate must be clean and dry, free from dust, grease and separating substances, and properly prepared.</p> <p>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.</p>
	Work tools

WoodColor sg 6.15 W 100 +F

Cleaning of tools	Clean tools after use with water or suitable cleaning agents such as DEL-TA®-CLEANER.
Comment on application	<p>The optimum processing conditions for the environment, substrate and material are Temperature: +15°C to max. +25°C rel. Humidity: 50% to 70%</p> <p>The application quantity may vary depending on the application method and application.</p> <p>The total application quantity should not be less than 260 g/m².</p> <p>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.</p>

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 +F

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.
General information	Processing exclusively in closed systems
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.
------------	--