

## PRODUCT DATA SHEET

Sheet No. 3/02/2022/S  
Last updated: 12.05.2022



WOOD  
PRODUCTS

# Sigma WoodProtect 2in1 Satin



## Protective varnish



Use	Product for external use, as primer and topcoat. Colours raw wood and provides protection in the Sigma WoodProtect system for the protection, decoration and restoration of wooden surfaces. Protects coats against mould fungi.		
Key advantages	<ul style="list-style-type: none"><li>– adjusts wood humidity</li><li>– highlights wood patterns</li><li>– contains UV filters</li><li>– can be coated with products based on water-borne acrylic and alkyd resins</li><li>– protection of the coating against mould</li></ul>		
Colours	Colours available in the Color Pro computer-assisted colour mixing system.		
Gloss level	Satin		
Specifications			
	Thickness at 23°C [g/cm3]	PN-EN ISO 2811-1	0.95
	Solids content, min. [% weight]	PN-EN ISO 3251	50
	Recommended dry film thickness [µm] per layer	PN-EN ISO 2808	40
	Dust-dry at 23 °C and a relative humidity above 50% after approx. [h].	PN-EN ISO 1517	3
	Dry to touch at 23 °C and relative humidity above 50% after approx. [h].	PN-EN ISO 1517	3-4
	Next coat at 23 °C and a relative humidity above 50% after approx. [h].	—	16
	Flash point [°C]	PN-EN ISO 1523	41
VOC	VOC content limit according to the EU directive for this product (cat. A/e/FR): 400 g/l (2010). Product contains max. 400 g/l.		
Shelf life	24 months from the date of production		
Application method	Brush or roller		
Recommended tools	Flat Brush, Extra Felt by PROGOLD		
Standard yield	Up to 14 m²/l with one layer, depending on the surface absorptivity and roughness.		
Recommended no.	1 as a primer		

PPG Deco Polska Sp. z o.o., ul. Kwizdyńska 8; 51-416 Wrocław, tel. (71) 78 80 700, serwis.klienta@ppg.com

For more information and current reference documents, call the hotline at 801 11 33 11 or visit [www.profesjonalnefarby.pl](http://www.profesjonalnefarby.pl).

The information in this Technical Data Sheet was prepared according to our best knowledge and it is valid on the date of issue. The Company reserves the right to change the information without notice. Since PPG Deco Polska Sp. z o.o. is in no position to control the product application, the company assumes no responsibility on the basis of this Technical Data Sheet.



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<b>of coatings</b>	2-3 as a topcoat
<b>Substrate preparation</b>	<p>The surface to be coated shall be clean, dry and degreased. The maximum moisture content of wood painted outdoors is 15%. Dirty surfaces should be sanded and dusted off, old flaky coatings should be removed to bare wood. Raw wood should be primed for full biological protection with Drewnochron Impregnat Grunt.</p> <p>If recoating, apply the product to a small part of the surface to test the results. If the coat dries with defects, remove the old finish coats and prepare the substrate for coating with this product.</p> <p>It is also advisable to try the product on a small area to select the right colour - the final colour will depend on the initial colour and condition of the wood and the number of coats applied.</p> <p>Surfaces to be painted that are exposed to prolonged periods of water and snow should be designed in such a way that water can run freely off their surface to avoid accumulation. It is recommended that components to be installed horizontally should have a drainage angle (slope) of at least 15°.</p> <p>The edges of the parts to be painted should be rounded off to achieve the correct thickness of protective coating on them - rounding off sharp wood edges is recommended. Seal the joints between the wooden elements and other elements with suitable sealants so that there is no possibility of water penetration. Metal components embedded in wood should be adequately protected against corrosion.</p>
<b>Application</b>	Stir the product thoroughly before use. Apply the product evenly with a brush or roller along the grain of the wood. Before the final coat, sand with fine-grained paper (P180/P220) and dust off the surface well.
<b>Additional information</b>	During painting, the temperature of the substrate and the environment should be above 8 °C, and the relative humidity of the air should not exceed 85%. When painting is completed, wash tools with white spirit or solvent for alkyd products. A coat colour results from numerous factors, e.g. wood type, applied coat thickness and application method, so, before a larger surface is painted, an application test on a small surface should be performed. The product does not protect wood against bacteria proliferation. Do not use Varnish Stain in an uncoloured version.
<b>PKWiU (Polish Classification of Goods and Services)</b>	20.30.12.0
<b>OHS and Fire Protection</b>	Follow the instructions on the container. Detailed information provided in the Safety Data Sheet available on

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<b>Recommendations</b>	<a href="http://www.sigmacoatings.com.pl">www.sigmacoatings.com.pl</a>
<b>Containers</b>	1 L