

## Technical Data Sheet

# VINDO Natural Gloss Paint No. 650

**N** means **LIVOS neutral** for the allergy-prone and chemically sensitive

### Without orange oil

<b>Range of application</b>	For interior and exterior usage on wood after surface preparation with LIVOS products. Not suitable for floors.
<b>Technical qualities</b>	Weather resistant and very high yield. Glossy after 2 – 3 applications. Color fastness when exposed to perspiration and saliva according to DIN 53 160. Free of organic-chemical compounds according to DIN EN 71 part 9. Free of biocides.
<b>Full declaration</b>	Titan dioxide, linseed oil - stand oil - natural resin ester, isoaliphates, castor oil -stand oil, linseed oil - wood oil - stand oil, linseed oil - stand oil, silicic acid, soy lecithin, dehydrated amino sugar and drying agents free of lead (Ca, Co, Zr).
<b>Colors</b>	201 white
<b>Dilution</b>	SVALOS Thinner No. 292.
<b>Application method</b>	Apply sparingly with brush, roller, or spraying device at temperatures above 15°C (59°F) and low humidity. Test application! At higher temperatures consider shorter drying times and polish more quickly. For spray application, dilute 5 - 10 % with SVALOS Thinner No. 292.
<b>Coverage</b>	1 undiluted liter (1.06 fl. quart.) is sufficient for approximately 15-25 m <sup>2</sup> (161 – 269 ft <sup>2</sup> ) per coat, i.e. 50 ml/m <sup>2</sup> . Coverage could be considerably less ml/m <sup>2</sup> depending upon the condition and absorbency of the surface. Each dried coating may not exceed 30µm.
<b>Cleaning up</b>	Clean equipment immediately after use with SVALOS Thinner No. 292.
<b>Drying time</b>	At 23°C (73°F) and 50 % relative humidity, dry to the touch after approximately 12 hours. Subsequent coats may be applied after 24 - 48 hours, and paint is fully hardened after 6 - 7 days. Drying delays can be caused by applying the paint to thickly and non-compliance of the application recommendations. Pay attention to good light and ventilation conditions.
<b>Specific gravity</b>	1.27 g/ml.
<b>Safety advice</b>	<p>Ensure good ventilation during and after application. Always be sure to store and then dispose of cleaning cloths, polishing pads, sponges, etc. that are still wet or even slightly moist with VINDO Natural Gloss Paint No. 650 in an airtight metal container or in water until their disposal, as there is a danger of spontaneous combustion caused by the plant oil content. The liquid or applied product is not self-ignitable.</p> <p>P102                      Keep out of reach of children.  P301+P310              IF SWALLOWED: Rinse mouth. Do NOT induce vomiting. Immediately call a doctor.  EUH208                      Contains Cobalt (2+) salts. Can cause allergic reactions.  Hotline for allergy sufferers: +49 (0)5825 / 8871.</p>
<b>Disposal</b>	According to locally regulated laws.
<b>Container sizes</b>	0.05 l; 0.125 l; 0.75 l; 2.5 l; 5 l.
<b>Storage</b>	Cool and dry. Shelf life: unopened at least 4 years. Opened products react with oxygen, over time skin formation and rancid smell can occur. Residues should be transferred into smaller containers.

How to use

## VINDO Natural Gloss Paint No. 650

### Exterior untreated wood

Surface must be dry (wood moisture content below 15 %), solid, clean, and free of grease, resin and dust.

1. Fill holes with suitable material.
2. Priming with ADAO External Primer No. 259.
3. 3 coats of VINDO Natural Gloss Paint No. 650.

### Interior untreated wood

Surface must be dry (wood moisture below 15%), solid, clean, and free of grease, resin and dust.

1. Fill holes with suitable material, and do fine spackling with ANAVO Natural Primer No. 628. After completely hardened sand and remove dust.
2. Base coat with DUBNO Penetrating Priming Oil No. 262.
3. Apply 2 or 3 coats of VINDO Natural Gloss Paint No. 650.

### Renovating

On rough-sawn surfaces dust and dirt particles from the ambient air can easily adhere and enable the formation of fungi in particular climatic conditions. The gray to blackish discoloration can be removed with GLOROUS Natural Siding and Masonry Cleaner No. 1806 and a brush or a high pressure cleaner. Old not intact paint coatings must be completely removed. Paint build-up: as for untreated surfaces.

Intact old LIVOS coatings: clean thoroughly, sand slightly and apply only an intermediate and a final coat or only a final coat.

### Important tips

VINDO-Gloss Paint No. 650 contains little solvent, so skin formation is possible that must be removed before use. Please do a test application.

With low light conditions, the color white may yellow significantly. VINDO Natural Gloss Paint No. 650 does not contain fungicides, in case of rough sawn timber, there is danger of quick fungal growth. Sand rough surfaces. Treat wood that is prone to blue-staining fungi and rear ventilated wooden claddings with ADAO External Primer No. 259. Tropical woods such as merbau, afzelia, jatoba, true mahogany and also indigenous oak should not be painted with VINDO Natural Gloss Paint - White because of possible discoloration due to incompatibilities in the wood.

For **bookshelves** and **windowsills**, apply very thin and allow to dry for 4 weeks before loading with books or flowerpots. After priming, the seams of new windows should be painted only once with VINDO. Silicone sealers should be applied only after complete drying, and should not be painted over with VINDO. Linseed oil putty can be painted over after 1 week. Stir mixtures regularly during application.

**Windows** and **doors** should have the same layer thickness inside and outside with the same product to ensure an optimal moisture transport.

If coatings of other manufacturers are painted over, a test application must be done in an inconspicuous area regarding sufficient adhesion, drying and development of odors.

The manufacturer assumes no liability for any undesirable consequences through the use of products from other manufacturers.

These directions are the result of long years of research and practical testing. They are backed by our most current expert information. New findings may invalidate this information. The latest version is available on our website at [www.livos.de](http://www.livos.de). This data sheet is meant to serve as information and instruction. No legal liability should be interpreted from it. In case of doubt, please contact the LIVOS customer service (see page 1).

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