

Technical Data Sheet

VINDO Natural Gloss Paint No. 629

Range of application	For interior and exterior application on wood and metal, after pre-treatment of the surface with LIVOS products. Also for radiators. Not suitable for floors, tables, stairs, cabinet interiors, fences and MDF.		
Technical qualities	Good flow and very high yield. After 3 coats and completely dried weather resistant, elastic and glossy. Color fastness when exposed to perspiration and saliva according to DIN 53 160. Free from organic chemical compounds according to DIN EN 71 part 9.		
Full declaration	According to the color tone: Linseed oil - stand oil - natural resin ester, isoaliphates, mineral pigments, castor oil -stand oil, linseed oil - wood oil - stand oil, titan dioxide, linseed oil - stand oil, silicic acid, orange oil, barium sulfate (only for the colors ultramarine blue and country blue), citron oil, soy lecithin, dehydrated amino sugar, talcum and drying agents free of lead (Ca, Co, Zr). Free of biocides.		
Colors	011 ochre 041 english red 051 persian red 071 natural umbra Color tones are inter-mixable.	081 burnt umbra 101 black 111 green 121 ultramarine blue	124 country blue 128 capri blue (only for interiors) 201 white 212 light grey
Application method	Stir well before use and remove possible skin formed on the surface. Apply sparingly with brush, roller, or spraying device at temperatures above 15°C (59°F) and low humidity. VINDO Natural Gloss Paint in the colors country blue and capri blue: stir frequently also during the application and re-paint appr. 10 minutes after the application and a short drying period for optimal distribution of the pigments. Always do a test coat! For spray application, dilute 5 - 10 % with SVALOS-Thinner No. 222 or SVALOS Spray Thinner No. 293.		
Coverage	Determine the exact amount needed by doing a test application. 1 undiluted liter (1.06 fl. quart.) is sufficient for approximately 15-25 m ² (161 – 269 ft ²) per coat, i.e. 50 ml/m ² . The consumption could be considerably more economical depending upon the condition and absorbency of the surface. Each dried coating may not exceed 30µm.		
Cleaning up	Clean equipment immediately after use with SVALOS Thinner No. 222 or LEVO Brush Cleaner No. 997.		
Drying time	At 23 °C (73°F) and 50 % relative humidity, dry to the touch after approximately 12 hours. At higher temperatures consider faster drying times. At lower temperatures and higher relative humidity consider longer drying times. Subsequent coats may be applied after 24 - 48 hours, and paint is fully hardened after 6 - 7 days.		
Specific gravity	1.0 - 1.3 g/ml depending on the color.		
Safety advice	<p>Ensure good ventilation during and after application. Always be sure to store and then dispose cleaning cloths, polishing pads, sponges, etc. that are still wet or even slightly moist with VINDO-Natural Gloss Paint N° 629 in an airtight metal container or in water, 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>H412 Harmful to aquatic life with long lasting effects. P102 Keep out of reach of children. P273 Avoid release to the environment. P301+P310IF SWALLOWED: Rinse mouth. Do NOT induce vomiting. Immediately call a doctor. EUH208 Contains limonene (orange oil), Cobalt (2+) salts. May produce an allergic reaction. Hotline for allergy sufferers: +49 (0)5825 / 8871.</p>		
Disposal	According to locally regulated laws.		
Container sizes	0.125 l; 0.375 l; 0.75 l; 2.5 l; 5 l; 30l.		
Storage	Cool and dry. Shelf life: unopened at least 4 years. Paints in opened containers react with oxygen. The less oil is still there, even more so. Residues should be transferred into smaller containers.		

How to use

VINDO Natural Gloss Paint No. 629

Exterior untreated wood

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

1. Fill holes with suitable material, e.g. filler for alkyd resin varnish.
2. Prime surface with ADAO External Primer No. 259, for oak use LINUS Penetrating Oak Priming Oil No. 233.
3. 3 coats of VINDO Natural Gloss Paint No. 629 within a period of 4 weeks.

Interior untreated wood

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

1. Fill holes with suitable material, e.g. ANAVO Natural Primer No. 628. After completely hardened sand and remove dust.
2. Base coat with DUBNO Penetrating Priming Oil No. 261.
3. Apply 2 or 3 coats of VINDO Natural Gloss Paint No. 629.

Interior metal (completely derusted)

1. Apply two base coats of DURO Natural Rust Preventive Primer No. 623
2. 2 – 3 coats of VINDO Natural Gloss Paint No. 629.

Exterior metal (completely derusted)

1. Apply two base coats of DURO Natural Rust Preventive Primer No. 623
2. 3 coats of VINDO Natural Gloss Paint No. 629 within a period of 4 weeks.

Renovating

Clean intact surfaces treated with VINDO-Natural Gloss Paint from dirt. Remove grey to black discolorations with GLORIOUS-Natural Siding and Masonry Cleaner No. 1806 and a brush or a high pressure cleaner. Sand slightly (remove the roughness with sandpaper with grain size 120) and apply a single coat of VINDO-Natural Gloss Paint.

Old not intact paint coatings have to be removed completely. Then follow the instructions for untreated surfaces.

Important tips

VINDO Natural Gloss Paint No. 629 contains little solvent, so skin formation is possible that must be removed before use.

If the fully dried paint film can be simply pushed away, too much material has been applied. After the first application the surface underneath must still be visible. Drying delays occur with too thick application.

With low light conditions, white and light grey color may yellow significantly.

VINDO Natural Gloss Paint No. 629 does not contain fungicides, in case of rough sawn timber, there is danger of quick fungal growth. This is why we recommend to sand slightly (with grain size 120) before the application. Their appearance of fungi depends on the surface roughness, sun- and weather side, vegetation density, and natural cover etc. Possible fungal growth should be removed.

Tropical woods such as merbau, afzelia, jatoba, true mahogany and also indigenous oak should not be painted with VINDO 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. Possibility of yellowing under books etc.

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

Silicone sealers should be applied only after a complete drying time, and should not be painted over with VINDO. Linseed oil putty can be painted over with VINDO after 1 week.

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. 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).