



# LINITOP®

## VERNIS

### High resistance polyurethane varnish



INTERIOR

priority to wood

<b>Description</b>	A colourless, indoor protective and decorative varnish for all woods, enriched with PU resins for increased resistance to abrasion and water.
<b>Classification</b>	Family 1 - Class 4a (according to classifications NBT 22-003 and NFT 36-005).
<b>Properties</b>	<ul style="list-style-type: none"> <li>Decorates and waterproofs. Protects and enhances the woods natural beauty.</li> <li>Perfectly resists abrasion, scratches, water.</li> <li>Ensures optimum protection of the surface.</li> <li>Easy to apply. Excellent flow and application properties. Beautiful decorative finish.</li> <li>Can be applied to old, clean, well adhered and roughened varnish.</li> <li>Does not blister or flake. Washable.</li> <li>Available in matt, satin or gloss.</li> <li>Colourless. Preserves the natural colour of the wood.</li> </ul>
<b>Basic uses</b>	<b>Indoor wood only:</b> <ul style="list-style-type: none"> <li>Protects and decorates door and window frames, framework, panelling, furniture, doors, table tops, kitchens, banisters...</li> <li>New wood or previously varnished, except on wood types containing an anti-oxidant (e.g: Iroko...).</li> </ul>
<b>Characteristics</b>	<ul style="list-style-type: none"> <li><b>Composition:</b> Modified polyurethane alkyd resins.</li> <li><b>Density (at +20°C):</b> 0.950 ± 0.05.</li> <li><b>Flash point:</b> &gt; 60°C.</li> <li><b>Viscosity:</b> Semi-fluid liquid.</li> <li><b>Solid content:</b> 58% ± 3.</li> <li><b>VOC:</b> EU limit value for this product (cat A/e): 400 g/l (2010). This product contains a maximum of 400 g/l VOC.</li> <li><b>Packaging:</b> 0.25 l - 0.75 l and 2.5 l.</li> <li><b>Shelf life:</b> At least 2 years in the closed original packaging.</li> <li><b>Storage conditions:</b> Keep away from frost and high temperatures.</li> <li><b>Appearance in the can:</b> Amber liquid.</li> <li><b>Appearance of the dry product:</b> Matt - satin - gloss.</li> <li><b>Colour:</b> Colourless.</li> <li><b>Tools:</b> Brush, short mohair roller, spray gun.</li> <li><b>Dilution:</b> Ready to use.</li> <li><b>Cleaning of the tools:</b> White-spirit.</li> <li><b>Conditions of application:</b> Do not apply at an ambient air and wood temperature of less than +10°C and greater than +25°C.</li> <li><b>Coverage:</b> 18 m²/l.</li> <li><b>Drying (data at +20°C and 50% relative humidity):</b> <ul style="list-style-type: none"> <li>Dust-dry: 5 h.</li> <li>Recoatable: 24 h.</li> </ul> </li> <li><b>Safety:</b> Refer to the safety data sheet and the text given on the packaging, in accordance with the applicable legislation.</li> </ul>

## Surface preparation

- Use on wood whose usage, nature, quality, treatments and preparation comply with the applicable standards and DTU (DTU 59.1).
- The inspection and preparation of the surface are the responsibility of the user.
- The wood must be dry, clean, in sound condition, free of millglaze and properly prepared (degrease, sand, dust off).

### On new wood:

- Sand (grit 180) to encourage and optimise the opening of the pores.

### On already stained wood:

- Application possible provided that the existing woodstain is in a good condition. However, the entire surface must be meticulously sanded (grit 180).

### On old undamaged varnish:

- Remove any flaky parts then roughen the entire surface to enable better keying.

### On old varnish in a poor condition (cracked, flaking...):

- Make the surface bare by sanding or stripping the entire surface.

**NB:** After sanding, always carefully dust the surface.

## Recommendations before application

- Ready for use. Do not dilute. Shake well before and during application.
- Do not apply at an ambient air and wood temperature of less than +10°C and greater than +25°C. A relative humidity of 50 % enables optimum drying. Complies with the applicable standards and DTU.
- The moisture of the wood must not be greater than 12 %.
- Protect everything that does not have to be treated.
- Work in a well ventilated area.
- Depending on the surface, follow the instructions below.

## Directions for use

According to the condition of the surface:

### New wood or wood made bare:

- Sand (grit 180) to encourage and optimise the opening of the pores, then apply two coats of Vernis.
- Wait 24 hours between each coat.
- For a well crafted finish, lightly sand manually (grit 280) between each coat then dust off.
- For highly absorbent wood, apply three coats.

### On old varnish:

- Refer to the "surface preparation" section then apply two coats of Vernis.

### Wood to be stripped:

Consult us.

**NB:** Always clean after each sanding.

## Advice of the professionals

- Preferably use a short mohair roller.
- To fill the small surface imperfections:
  - Apply a coat of dilute Vernis. Allow to dry.
  - Apply a coat of Bouche-Pores\*. Sand lightly after hardening. Dust off.
  - End with a coat of Vernis. Repeat the operation if necessary.
- Apply Linitop Vernis in the direction of the wood grain, criss-cross the passes and even them out.
- Dark base before topcoat:
  - Apply a coat of Linitop Prim & Finish\*.
  - After drying and without sanding, complete with two coats of Vernis and sand between these two coats.
- For an optimum finish, round the corners of the wood by sanding manually. Dust off.
- Pay particular attention to grooves and butts.
- When applying by spray, always back-brush or back-roll to avoid runs and aid penetration of finish.
- For the first coat, dilute with White spirit between 5 and 10 %, same when applying with a spray gun.

## Maintenance

**Usual restoration:** apply 1 or 2 coats of Vernis depending on the condition of the surface after sanding.

**Late restoration on a highly damaged surface:** make the wood bare by sanding or stripping then apply one or two coats of Vernis, for porous wood apply 3 coats.

\* same manufacturer

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