



# BEECK Interior Stand Oil Paint *pro*

**Opaque pigmented linseed stand oil varnish for professional final topcoats indoors, satin-mat and satin-sheen**

## 1. Product features

High-quality linseed stand oil varnish in painter's quality for interior use on doors, furniture, wall and panelling. Preferred use in stylistically appropriate restoration in the preservation of historical monuments, but also in ecological construction. Siccative, penetrating linseed stand oil ensures inseparable anchoring in the woodwork and hardens to form a resistant, lightfast and durable oil-resin film. Following the example of traditional stand oil paints, the application is economical and efficient in thin layers.

### 1.1. Composition

- Linseed oil, linseed stand oil and modified boiled oil-resin mixture
- Organic, aromatic-free solvents, silicate matting agents for satin-mat
- Finely ground mineral and coloured pigments with optimal UV resistance and lightfastness
- Free from plasticisers, biocides and preservatives

### 1.2. Technical features

#### 1.2.1. Overview

- Indoor use
- Drying active
- Highly efficient, easy-to-use high solid in professional quality
- Available in virtually unlimited NCS and RAL colour tones
- Ideal for renovation as well as for new surfaces
- In accordance with monument preservation regulations as regards materiality, appearance and nuance
- Pleasant to the touch, abrasion-resistant and water-repellent
- Toy standard EN 71 Part 3 and DIN 53160 Perspiration and saliva resistance
- Attractive satin-mat or satin-gloss

#### 1.2.2. Important construction physics parameters\*

Parameters	Value	Conformity
Density 20°C:	approx. 1.30 – 1.40 kg / L	
Viscosity:	approx. 150 s 3 mm flow cup	ISO 2431
SD value (H <sub>2</sub> O):	approx. 0.50 m	
Colourfastness:	Class B1 – B2 (depending on colour tone!)	BFS leaflet no. 26
Gloss levels (60°/85°):	Satin-mat or satin-gloss	DIN EN ISO 2813
Flashpoint:	55 - 62°C	
VOC content (max.):	300 g / L	EU Decopaint Directive Cat. A / d
Solid content:	> 75% (high solids)	

\* Values depend on colour tone

#### 1.2.3. Colour tone

- White or ready-mixed according to BEECK stand oil colour chart, NCS and RAL.

## 2. Instructions for use

### 2.1. Requirements for the substrate

- The substrate must be clean, dry, solid and load-bearing and free from efflorescent, discolouring, adhesion-impairing and/or drying-retardant substances.
- Metallic bare ferrous metal or steel, suitable for corrosivity category C1 according to DIN EN ISO 12944-2. Not for galvanised sheet steel or non-ferrous metals.

### 2.2. Brief information on the standard structure

- **On visually demanding wood (doors, furniture fronts):**
  - Prime with BEECK Wood Primer
  - Intermediate coat with BEECK Undercoat; white or tinted
  - Top coat with BEECK Interior Stand Oil Paint *pro*; white or tinted, satin-mat or satin-gloss
- **On all other woods, depending on requirements and demands:**
  - Prime with BEECK Undercoat, alternatively with BEECK Wood Primer (on highly absorbent wood)
  - Intermediate coat with BEECK Undercoat if required; white or tinted
  - Top coat with BEECK Interior Stand Oil Paint *pro*; white or tinted, satin-mat or satin-gloss
- **On ferrous metals and steel:**
  - Priming with BEECK Corrosion Protection Primer
  - Intermediate coat with BEECK Undercoat; white or tinted
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## 2.3. Substrate and pretreatment

### • **Wood:**

Sand raw or pre-treated wood and prime with BEECK Undercoat. Saturate highly absorbent wood with BEECK Wood Primer and remove any excess. Completely sand or replace brittle and greyed wood. Maximum wood moisture content for softwood is 15%, for hardwood 12%. Thoroughly wash off grease, resin and wax with BEECK Lacquer Thinner. Sample oak (tannic acid!) and tropical wood (discolouring, drying-retardant ingredients) as well as wood materials in advance, check for suitability and observe the supplier's corresponding coating guidelines. Sand, blast or strip cracked, loose and flaking old paint, acrylic or synthetic resin-based coatings down to the pores. Remove paint stripper residues down to the pores. Thoroughly sand firmly adhering, stable oil and alkyd resin coatings to a mat finish and degrease. Sand out scratches and dents and smooth them with a filler. Before installation, prime the timber on all sides and then paint over once. Do not treat the inside of cupboards and drawers with oil-based varnishes or oily primers because of the odour they cause; only paint furniture fronts and exterior surfaces.

### • **Note on BEECK Undercoat:**

Efficient, sandable, mat primer and intermediate coat. For tinted or colourful top coats, the intermediate coat should be applied with BEECK Undercoat using the same colour (please specify when ordering!).

### • **Ferrous metals and steel:**

Thoroughly derust, sand and degrease with BEECK Lacquer Thinner, pre-treat with BEECK Corrosion Protection Primer and BEECK Undercoat, top coat with BEECK Interior Stand Oil Paint *pro*.

### • **Unsuitable substrates** are surfaces subject to heavy mechanical stress or exposure to moisture or stressors, e.g. worktops. Sample tropical woods, oak and wood materials. Old, plasto-elastic, poorly adhesive and brittle coatings based on acrylics, for example, cannot be painted over. Galvanised sheet steel, non-ferrous metals and areas prone to corrosion are also unsuitable.

### • **Inadequate substrates** require a differentiated approach, sampling.

## 2.3.1. Maintenance and aftercare

Clean painted surfaces gently with mild soapy water, without aggressive abrasives or sanding sponges. Clean with a damp cloth and dry off, avoiding water excess and drying out. Subsequent treatment is possible at any time by fine sanding and repainting. Wash off greasy contaminants thoroughly with soapy water and, if necessary, solvent. Sand and fill scratches. Note the slower curing and lower scratch resistance of oil-based varnishes compared to synthetic resin varnishes, for example on worktops.

## 2.4. Instructions for use

### 2.4.1. General information

Check the suitability of the substrate, see 2.1. and 2.3. Consider the absorbency, strength and structure of the substrate. Sample demanding and critical areas. Ensure suitably qualified application.

- Carefully cover areas not to be treated and protect them from splashes.
- Provide personal protective equipment.
- Only paint self-contained surfaces using containers from the same production batch.
- Check colour tones by applying a sample before use.
- Intermediate coat with BEECK Undercoat, colour matching with BEECK Interior Stand Oil Paint *pro*.
- Minimum temperature for application: +16°C. To dry, provide warmth (room temperature) and fresh air, without direct draughts. Treat fresh paint gently for at least 1 week.
- Drying time in normal climate (20°C / 65% RH): dust-dry after 3 - 4 hours; can be painted over after 24 - 48 hours. Allow longer periods under unfavourable drying conditions. Only paint over dried paint. Block-resistant in a normal climate after several days, avoid sticking over.

### 2.4.2. Instructions for use

Application with ring brush, flat brush, paint roller or by spraying (medium/high pressure, air mix). Stir thoroughly before use. Carefully remove any skin and sieve it - do not stir it in.

- Apply in a thin layer, seamlessly and evenly in the direction of the grain. Drying delay due to excessively thick and/or uneven application. Ensure good edge coverage. Avoid excessive coating thicknesses and spread carefully, even in the area of seams.
- If necessary, dilute with BEECK Lacquer Thinner, e.g. when spraying.
- Apply coats at intervals of 24 – 48 hours. In case of dust inclusions and during longer periods of standing (> 1 week), fine sand between coats.
- Avoid excessive coating thicknesses, even when spraying. Carefully remove any excess and do not allow any "pools"; allow grease marks or paints runs to dry out. Maximum wet layer thickness: 80 – 120 µm. Trial application advisable. Be aware of the risk of spontaneous combustion in extraction filter mats when exposed to oily spray mist.

## 3. Consumption and container sizes

The consumption on smooth surfaces is approx. 80 – 90 ml per m<sup>2</sup> and work step. Deviations, e.g. on rough surfaces or during spray processing, should be sampled. *Container sizes:* 0.25 L / 0.75 L / 2.5 L / 5 L



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## 4. Cleaning

Thoroughly clean equipment, tools and soiled clothing immediately after use with BEECK Lacquer Thinner.

## 5. Storage

Shelf life in tightly sealed original container is at least 12 months. Close opened containers airtight, remove any skin and sieve, do not stir in. Never transfer the product into solvent-swellable containers.

## 6. Hazard warnings, safety advice and disposal

Observe the EC safety data sheet. Safety data sheet available on request. Flammable liquid and vapour. Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. Cleaning rags, paper or other materials used for soaking up pose a potential fire hazard. Keep out of the reach of children. Do not allow the product to get into eyes, onto skin or onto clothing. Disposal in accordance with official regulations. Waste code: 080111

## 7. Declaration

Our aim is to advise you with this technical information, based on our knowledge and practical experience. All information is non-binding. This does not release the user from the obligation to check the suitability of the product and the processing method themselves, depending on the substrate. Technical changes in the course of product development remain reserved. Third-party additives for tinting, thinning etc. are not permitted. Check colour shades before applying. When a new edition is published, this leaflet will automatically lose its validity. The information in the current version of the EU safety data sheets is binding for classification in accordance with the Hazardous Substances Ordinance and for disposal etc.