

# LEINOS 646

## Varnish Binder

**Application:** Interior. For the production of coloured, diffusion-open wall glazes in combination with LEINOS Pigment Concentrates 668.

**Technical Characteristics:** Very good water vapour permeability, non-yellowing, water-dilutable. Very economical concentrate. Lasurbinder 646 must therefore be mixed with water at a ratio of 1:5 to 1:6 before use.

**Color:** Almost colourless after drying without tinting. Can be individually tinted with Leinos Pigment Concentrates 668.

**Ingredients:** Water, shellac soap, natural resin soap, carnauba wax, beeswax, methyl cellulose, potash, benzisothiazolinone.

**Package Sizes:** 750ml / 2,5l / 10l

**Substrate and Preparation:** Stir carefully before use! The substrate must be dry, solid, clean, free from grease and dust and free from penetrating substances. The substrate should be evenly white so that the colour tones of the glazing technique are shown to their best advantage (e.g. painted with LEINOS White Emulsion Paint 650 or LEINOS Natural Resin Emulsion Paint 660, LEINOS Plaster-Effect Paint Mediterranean 680 or LEINOS Plaster-Effect Paint Fine 685).

**Processing:** With a brush or paintbrush, sponge or cotton wrap. Room and surface temperature above 15°C. Mix Lasurbinder 646 with water in a ratio of 1:5-1:6. Stir small quantities of LEINOS Water-based Pigment Concentrate 668 directly into the diluted Lasurbinder 646. Quickly glaze through so that the glaze does not dry and form edges. After an intermediate drying time of 2-4 hours, apply the next coat. Apply at least 2, preferably 3 coats of glaze. Always work from light to dark. Do not apply more than 2-3 coats of glaze per day to avoid softening the substrate. Please note: Keep stirring the glaze during application!

**Drying Time:** Dried after 2-4 hours, completely dry after approx. 24 hours.

**Consumption:** Approx. 1 litre of the ready-to-use Lasurbinder 646 diluted with water is required for 15 m<sup>2</sup>. This corresponds to approx. 70 ml/m<sup>2</sup> wall surface (15 ml/m<sup>2</sup> undiluted), but may vary depending on the absorbency of the substrate.

**Thinning and Cleaning Agents:** Water and LEINOS Vegetable Soap 930.

**Storage and Shelf Life:** Store in a cool, dry and closed place. Protect from frost! Stable for approx. 12 months when originally sealed. Use opened containers or diluted Lasurbinder immediately.

**Special Notes:** VOC content: <1 g/l, EU limit value: 30 g/l (cat. a). EAK: 08 01 03

**Hazard statements:** Contains 1,2-benzisothiazol-3(2H)-one. May produce an allergic reaction. Safety data sheet available on request.

**Precautionary statements:** Keep out of reach of children. Avoid release to the environment. Dispose of contents/container to an appropriate recycling or disposal facility. Hotline for allergy sufferers: +49 4163 / 867 47-0



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To achieve optimal results, please observe the Technical Data Sheets of all products used. The information is based on the current state of our knowledge and experience. However, it does not constitute a guarantee of product properties and does not establish a contractual legal relationship. With the publication of this Technical Data Sheet, all previous information becomes invalid. Status: 25. März 2026