



TECHNICAL DATA SHEET

OTTOSSON LEINÖLFARBE

1. PRODUCT DESCRIPTION

The Ottosson Leinölfarbe can be used on almost all surfaces such as wood, metal, plaster, plaster, glass, etc. without thinning with solvents - it protects against wind and weather, the ravages of time and the seasons.

2. FIELD OF APPLICATION

Woodwork raw, painted, smooth or rough, PH-neutral plasters, artificial, natural and sandstone, primed metals (Ottosson -iron mennige / rust protection primer) Check application on dimensionally stable components such as doors and windows.

3. PRODUCT PROPERTIES

- very efficient
- low environmental impact
- low stress
- no solvents added
- no preservatives added
- no plasticisers added

COLOUR SHADES:

Standard according to OTTOSSON colour chart. Mixed shades from all common colour collections, e.g. RAL, NCS, KEIM colour charts. Our mixed shades are traditionally mixed or re-mixed by hand. Feasibility on request. Tinting colours white, nickel titanium yellow, iron oxide yellow, English red light, ultramarine blue, chrome oxide green, iron oxide black, empire red.

Mixed shades up to 5 working days, or in consultation with production.

4. APPLICATION INSTRUCTIONS

SUBSTRATE PREPARATION:

The substrate must be dry, sound, free from chalking, clean and dust-free. Loose parts of existing coatings must be removed mechanically or by high-pressure water jetting. Defective areas must be filled and texture-matched using a suitable repair material. Any sintered layers on new renders must be removed with KEIM Ätzflüssigkeit (lime remover) according to instructions. New render areas (repairs) are generally to be pretreated with KEIM Ätzflüssigkeit (lime remover) according to the specifications in the Technical Data Sheet. The surface to be painted must be slightly roughened. Do not apply on watery binder paints.

APPLICATION CONDITIONS:

Ambient and substrate temperature ≥ 5 °C during application and drying. Do not apply in direct sunlight or on sun-heated substrates. Protect surfaces from direct sun, wind and rain during and after application.

APPLICATION:

Apply with brush or paintbrush and disperse afterwards. Excessive film thicknesses lead to puckering / wrinkling. Can be applied by spraying or rolling with additional spreading.

The best application temperature is 15 - 25 °C and below 55 % RH!

COATING SYSTEM:

As a general rule, always build up oil paint from lean to rich.

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Woodwork, pH-neutral renders, primed metals, artificial, natural and lime sandstone and other suitable substrates.

Prime coat:

1 x coat with Ottosson pure linseed oil. (cold pressed or boiled)

Intermediate coat:

1 x paint with Ottosson pure linseed oil paint diluted to the colour shade with 20 % linseed oil content.

Final coat:

1 coat with Ottosson pure linseed oil paint in the colour shade undiluted.

The paint can also be diluted with balsam turpentine (primer approx. 10 %, top coat max. 5 %). This makes it harder, but also somewhat more brittle and shortens the drying time.

Recommended for historical and traditional, as well as ecological drying optimisation:

Use with the addition of Ottosson sun-bleached linseed oil optimises drying and increases the gloss level. Drying can also be optimised by adding Ottosson Linseed Oil in a cooked version. The use of siccatives is also possible, but the surfaces become duller and more brittle. Specific and individual combinations can be elicited with the KEIM field service in a historically and ecologically just manner.

DRYING TIME:

Can be overcoated after 48 hours at the earliest (at 23 °C and 50% RH).

CONSUMPTION:

approx. 100 ml/m² for two coatings.

These material consumption values are guide values for smooth substrates. Exact consumption values must be determined by means of test areas.

5. PACKAGING

Container content	Unit of measure	Type of container
10	l	tin bucket
3	l	tin bucket
0.125	l	tin bucket
1	l	tin bucket

6. STORAGE

Storage conditions
frost-free keep container tightly sealed.

7. DISPOSAL

For disposal information refer to section 13 of the safety data sheet.

8. SAFETY INSTRUCTIONS

Please, refer to the Material Safety Data Sheet.

Important: Oil-soaked rags can catch fire! Therefore, either hang them up to dry for days or store them in a closed metal container.

9. GENERAL INFORMATION

Maintenance and care:

Existing oil paint coatings clean by washing with water. In case of heavy soiling, a little ammonia can be added.

Smooth coloured oil paint surfaces

Apply linseed oil varnish 10 % diluted with turpentine with a brush and rub off excess oil with a cotton cloth after approx. 10 minutes.

Sawn and coloured wood surfaces

Apply linseed oil varnish 30 % diluted with turpentine with addition of up to 3 % linseed oil paint with a brush and after approx. 10 minutes remove excess oil with a dry brush.

Please note:

- High layer thicknesses may cause the oil paint to wrinkle.
- Ensure good oxygen supply before and after application.
- Damp climatic conditions during application cause oil paint to dry matt.
- Oil paints have the property that they show visible yellowing in light shades.
- Wash wood containing tannic acid with lye water and coat with 2-Com. Prime with 2-comp. epoxy resin paint or KH dipping primer.
- Oil paint is not block-resistant, benches, door and window seams etc. can easily stick together.
- In constantly damp climatic conditions, oil paints without algicidal and fungicidal finishes can be colonised by algae and fungi.

Cover surfaces not to be treated, especially glass, ceramics and natural stone. Any splashes on surrounding surfaces or traffic areas must be rinsed off immediately with plenty of water.

Mixing with products not part of the system or other foreign additives is not permitted.

The stated values and properties are the result of extensive development work and practical experience. Our recommendations for application, whether given verbally or in writing, are intended to provide assistance in the selection of our products and do not establish a contractual relationship. In particular, they do not release the purchaser and processor from the obligation to convince themselves of the suitability of our products for the intended application with due care, which is general practice in trade and crafts. The general rules of construction technology must be observed. We reserve the right to make modifications to improve the product or its application. This edition supersedes all earlier editions.