Technical datasheet

Floor Oil & Primer (clear/colored)

Description:
Floorcoat Floor Oil & Primer is a hardwearing, 1-component drying alkyd oil that is easy to apply and ideal for priming and finishing oil treatment of indoor wooden floors and other wooden surfaces.

It can be used in all residential areas and in commercial areas with low to medium traffic. Additionally, it serves as an effective primer before application of Floorcoat Floor Oil 2-Component or before applying two coats of FC 82 2K or FC 84 2K water-based PU-lacquers with hardener as topcoat.

The product is indoor climate certified by Eurofins (Indoor Air Comfort), ensuring it contains no harmful substances that negatively affect indoor air quality.

Floorcoat Floor Oil & Primer is suitable for most untreated and machine-sanded wooden surfaces. When in doubt, we recommend performing a small trial application to confirm compatibility. Available in clear and 13 colors.

The product is intended for professional and commercial use.

Instructions for use:

Priming of untreated/sanded wood:

- Ensure that the surface is thoroughly clean, dry, and free of dust, wax, grease, polish, etc. Any irregularities should be removed by sanding in the direction of the wood grain.
- Perform the final sanding with sandpaper grit 100-120 and vacuum clean to remove the sanding dust.
- For larger areas, it's recommended to divide them into smaller sections that can be oiled within 30 minutes. Be careful to apply the fresh oil wet in wet between oiled sections and prevent overlapping edges from drying out during treatment to avoid discoloration on the oiled surface.
- It's recommended to moisten the surface before oiling to enhance oil saturation and create a uniform appearance. Use a damp cloth and ensure the floor is evenly moistened.
- Let the surface dry until it no longer feels damp.
- Apply the first coat of oil in an even layer along the grain of the wood in an area that can be completed within 30 minutes. It's recommended to apply the oil with a red nylon pad or a squeegee. Ensure the oil remains glossy and wet during the oiling process, spreading it from wet to dry areas where the oil has been absorbed.
- After 20-30 minutes, while the oil is still wet, lightly buff the surface with a rotating polishing machine with a white nylon pad.

- Finally, remove all excess oil using a clean, lint-free cloth. Make sure to wipe off all the oil to achieve a uniform mat surface. If any areas have dried oil that was not absorbed, it will cause discoloration and glossy spots.
- Let the surface dry for 24 hours before applying the finishing coat (see Finishing with Floorcoat Floor Oil & Primer or Finishing with Floorcoat lacquer).

Finishing with Floorcoat Floor Oil & Primer:

- Carefully prepare the surface using a green nylon pad.
- Vacuum-clean the surface to remove all sanding dust.
- Apply a second coat of oil in an even layer along the grain of the wood in an area that can be completed within 30 minutes. It is recommended to apply the oil with a red nylon pad or a squeegee. Ensure the oil remains glossy and wet during the oiling process, spreading it from wet to dry areas where the oil has been absorbed.
- Ensure the surface is fully saturated, then polish with a clean, lint-free cloth until the floor feels dry. Any oil that has not been absorbed must be removed within 30 minutes of application.
- Let the surface dry for 24 hours before light usage.

Finishing with Floorcoat lacquer:

- To improve the durability, the oiled floor can be finished with Floorcoat FC 82 2K or FC 84 2K lacquer. It is crucial to ensure that the floor surface is fully saturated with oil before applying the lacquer, as incomplete saturation may lead to discoloration.
- Once the oil is dry after 24 hours, lightly sand the surface using a green pad.
- Vacuum-clean the surface to remove all sanding dust.
- Apply one coat of Floorcoat FC 82 2K or Floorcoat FC 84 2K lacquer with hardener and allow it to dry for approximately 4 hours.
- Then, apply the second and final coat of Floorcoat FC 82 2K or Floorcoat FC 84 2K lacquer with hardener and allow it to dry completely until fully cured.

Important notes when lacquering on top of an oiled surface:

- If overcoating the oiled surface with a 2-component lacquer is desired, only one coat of Floorcoat Floor Oil & Primer should be applied.
- It is important that the oiled surface has dried for at least 24 hours and is completely dry before applying the first coat of lacquer. Before lacquering the entire floor, perform an adhesion test on a small test area.
- Lacquering should only be done with Floorcoat FC 82 2K or Floorcoat FC 84 2K lacquer with hardener and applied according to the product instructions.
- It is essential to ensure that all excess oil from the priming with the Floorcoat Floor Oil & Primer has been removed and the surface is fully dry before lacquering. Insufficient drying may cause adhesion problems.

- **Alternatively**, Floorcoat Floor Oil & Primer can also be used as a primer before applying Floorcoat Floor Oil 2-Component, following the same preparation and drying requirements.

Product Data:

- **Product:** 1 component drying alkyd oil.
- **Indoor air certification:** Certified by Eurofins Indoor Air Comfort – suitable for indoor use with no harmful impact on air quality.
- **Colors:** Available in clear and 13 standard colors: Classic, Natural, Light Grey, Grey, White, Extra White, Medium Walnut, Oak, Dark Oak, Mahogany, Chocolate, Black, Wenge. Colors can be mixed individually to make other colors.
- **Coverage:** Approx. 12-25 m2/L. Coverage varies depending on the wood species, number of treatments, surface absorbency, and sanding method. Surface smoothness and pre-watering will also affect the total coverage rate.
- **Before Application:** Shake or stir the oil thoroughly until all settled material and pigments are dissolved.
- **Thinning:** Not recommended. The product is ready to use.
- **Application:** Brush, shorthaired roller, spatula or polishing machine.
- **Surface Temperature:** 15-25°C.
- **Drying Time:** Approx. 24 hours at 20°C, 55% RH. Different climate conditions can affect the drying time.
- **Curing Time:** See Usage instructions.
- **Cleaning:** Mineral spirit.
- **Storage:** Above 5°C and below 30°C. Do not expose to frost or direct sunlight.
- **Shelf Life:** 24 months, unopened, frost-free, max. 30°C. If the packaging has been opened, the oil may form skin on the surface and potentially gel over time.
- **Precautions for Use:** Refer to the product's safety data sheet..

IMPORTANT NOTES!

Risk of self-ignition: Cloths and other materials used to apply the product can spontaneously ignite. Place used cloths in an airtight, non-flammable container (such as a jam jar or metal can with a lid). Dispose of them according to local waste disposal regulations.

There must be good ventilation during drying to avoid drying issues. Do not cover the surface with items such as loose or fixed rugs until the oil is fully cured.

We cannot guarantee undesired conditions or necessary adhesion on all wood species and types of wooden surfaces. When in doubt we recommend to perform an application test area and check the drying and adhesion properties before treating the entire surface.

Usage Instructions: Do not use without a primer. The surface can be used with caution after 24 hours from the last treatment. The surface is fully cured after 7 days.

Cleaning Floors: Clean by vacuuming and wiping with a cloth wrung out in water or a mild neutral soap solution. Do not use brown soap, ammonia, or other strongly alkaline cleaning agents.

Disclaimer:
The information in this document and all other references and recommendations that we provide in connection with advising on the use of our products are the result of experience and are based on standard conditions. Due to the many possible uses and processing conditions, we do not exempt the user from conducting their own tests or seeking technical advice from the seller or manufacturer. There is no guarantee of the craftsmanship of work with our products, and documentation of this is the responsibility of the executing craftsman. As undesired effects can occur with re-lacquering, despite the work being carried out according to correct craftsmanship regulations, it is recommended that the contractor, to the extent necessary, takes these into account towards the customer. Recommendations from the manufacturer and any current standards must be followed. Our liability and responsibility follow our general terms and conditions of business and are not extended by this information or our advice. When new technical information emerges, the old version becomes invalid.

Revised: 2026-15-09