

## Technical datasheet

### Floorcoat FC 24 (Clear/Nordic White) • Primer-line

#### Description:

FC 24 is a fast-drying, non-yellowing, water-based acrylic/polyurethane primer, designed for priming wooden floors in commercial areas, residential spaces, and sports halls.

FC 24 can be used as a primer on untreated or machine-sanded wooden floors and should subsequently be overcoated with 2 coats of water-based Floorcoat top lacquer. The choice of FC water-based lacquer to be used as topcoat depends on the type of floor and application.

FC 24 is available both in a clear and a white pigmented version.

FC 24 is indoor climate certified by Eurofins, ensuring that there are no chemical substances in the product that can negatively impact indoor air quality.

The product is intended for commercial use.

#### Product Data:

**Product:** Acrylic/polyurethane primer, water based.

**Coverage:** Approx. 8 m<sup>2</sup>/L.

**Thinning:** Not recommended.

**Application:** Brush or lacquer roller.

**Surface temperature:** 15-25°C.

**Drying time:** 1-1½ hours before over-lacquering and 3-4 hours before an intermediate sanding (at 20°C, 55% RH).

Different climate conditions can affect the drying time.

**Fully cured:** See commissioning.

**Cleaning of tools:** Soap and water.

**Storage:** Above 5°C and maximum 30°C. Does not tolerate FROST or direct sunlight.

**Shelf life:** 12 months in an unopened packaging at 20°C.

**Precautions for use:** See the product's safety data sheet.

#### Instructions for use:

##### Lacquering of untreated and machine-sanded floors:

- The surface must be completely clean, dry, and free of dust, wax, grease, polish, soap residues, and similar substances. Dirt and unevenness are removed by sanding. The final sanding before applying FC 24 should be done with sandpaper grit 120-180.
- Carefully remove sanding dust by vacuuming and wiping the floor with a cloth wrung out in clean water.
- Shake FC 24 thoroughly before use. Let the primer rest for about 3 minutes before use.
- Apply the primer with a brush or a lacquer roller in an even layer in the direction of the wood grain, if possible. We recommend applying the lacquer from a roller tray instead of pouring it directly onto the floor.
- When working with FC 24 Nordic White primer an additional coat of primer can be applied to give more color intensity to the surface.
- When the FC 24 is dry after 1-1½ hours, the first topcoat with a FC water-based lacquer is applied by following the instructions for preparation, application and drying time in the technical data sheet for the chosen FC water-based top lacquer.

- After drying of the FC lacquer perform an intermediate sanding with sandpaper or sanding net grit 120-180.
- Carefully remove sanding dust by vacuuming and wipe the floor with a cloth wrung out in clean water.
- Apply a 2<sup>nd</sup> and final coat of FC water-based top lacquer by following the instructions for preparation, application and drying time in the technical data sheet for the chosen FC water-based top lacquer.

**Important notices:**

- Apply the lacquer at 20°C ± 5°C and 55% RH.
- There should be good ventilation during drying to ensure good drying conditions and a good result of the lacquered surface.
- The FC 24 must be completely dry before overcoating.
- The use of primer in a coating system, as well as achieving a stable climate in the rooms, reduces the risk of side bonding. However, this is not a guarantee that side bonding can be avoided.
- It is recommended only to apply two coats of lacquer per day and that the intermediate sanding of the first topcoat of lacquer has dried overnight.
- If a coat of lacquer is applied more than 24 hours after the previous coat, it is recommended to perform an intermediate sanding with sandpaper or sanding net grit 120-180 and clean as described above before lacquering.

**IMPORTANT! AS WE CANNOT GUARANTEE UNDESIRED CONDITIONS ON PREVIOUSLY TREATED FLOORS, ALWAYS CONDUCT TEST PATCHES AND CHECK BEFORE LACQUERING.**

**Commissioning:** Do not use without topcoat. Careful use of the floor after 24 hours.

**Floor cleaning:** Done 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.