

Technical datasheet

Floorcoat FC 66 • Pro-Line

Description:

FC 66 is a low-odor, non-yellowing 1-component water-based polyurethane/acrylic lacquer with a high solid content and fast drying time properties for use as a topcoat on floors in residential areas with moderate to high traffic use. FC 66 can be used on previously lacquered, untreated, and machine-sanded wooden floors.

Because of the high solid content and fast drying the FC 66 can be used as a 2-coats lacquer system to be applied in one day, including the intermediate sanding between the two coats, when limited time is of essence. Note that the use of a 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.

FC 66 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.



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 the first coat of a Floorcoat FC primer or the FC 66 lacquer 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.
- Prime the floor with a Floorcoat FC primer. Follow the instructions for preparation, application and drying time in the technical data sheet for the Floorcoat FC primer.
- Shake FC 66 thoroughly before use. Let the lacquer rest for about 3 minutes before use.
- Apply the lacquer 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 paint tray instead of pouring it directly onto the floor.
- When the FC 66 surface is dry after 2-3 hours, 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 2nd layer of FC 66.

Lacquering of previously lacquered floors:

- The surface must be completely clean, dry, and free of dust, wax, grease, polish, soap residues, and similar substances.
- Carefully sand with sandpaper or sanding net grit 100-150 to ensure good adhesion of the lacquer.
- Remove sanding dust by vacuuming and wipe the floor with a cloth wrung out in clean water.
- Apply one layer of FC 66 and let the lacquer surface dry.
- Before lacquering the entire floor, it is recommended to perform an adhesion test on a small area.

Preparation of previously lacquered floors/new factory-lacquered floors:

It is always recommended to perform an adhesion test on a small area before starting to lacquer the entire floor. Lacquer a couple of small patches and let them dry for 24 hours. Then check the adhesion by scraping with the edge of a coin or the head of a key. If the adhesion is good and the surface looks nice, you can proceed with lacquering the floor. If the result is not satisfactory, the floor must be sanded down to bare wood before lacquering. Refer to the instructions under Lacquering of Untreated and Machine-Sanded Floors.

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 surface must be completely dry before overcoating with FC 66.
- The use of a 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 primer/lacquer per day.
- 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 under **Lacquering of previously lacquered floors**.

Product Data:

Product: 1-component polyurethane/acrylic lacquer, water-based.

Coverage: Approx. 8-10 m²/L.

Thinning: Not recommended. The product is ready to use.

Application: Brush or lacquer roller.

Surface Temperature: 15-25°C.

Drying Time: Before over coating: 1-1½ hours. Before intermediate sanding: 2-3 hours (20°C, 55% RH). Different climate conditions can affect the drying time.

Curing Time: See **Usage instructions**.

Cleaning: Soap and water.

Storage: Above 5°C and below 30°C. Do not expose to frost or direct sunlight.

Shelf Life: 12 months in unopened packaging at 20°C. If the packaging has been opened, the lacquer may form a skin on the surface and potentially gel over time.

Precautions for Use: Refer to the product's safety data sheet.

IMPORTANT! Since we cannot guarantee against undesirable conditions on previously treated floors, a test application and inspection must always be performed before lacquering.

Usage Instructions: Do not use without a primer. The floor can be used with caution after 24 hours. The lacquer 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.

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.