

HT700 FLOOR LACQUER

PRODUCT INFORMATION



GENERAL DESCRIPTION

Low-odour, two-component hard-wearing water-based polyurethane lacquer. Recommended for wooden floors in high wear areas such as retail, restaurants, museums and educational institutions.

Suitable for previously sealed as well as for new or fully sanded old floors.

When lacquering an untreated floor or a floor sanded to bare wood, use one of Junckers' primers prior to the finishing top seal. HT700 Floor Lacquer must be mixed with hardener before use.

HT700 Floor Lacquer has received the Danish Indoor Climate Labelling. A product with this labelling has undergone extensive volatile emission and odour tests. This ensures that there are no chemical substances in the product which adversely affect the air quality in the room.

For professional use.

PRODUCT DESCRIPTION

Product: Two-component water-based polyurethane lacquer.

Package sizes: 4.95 litres (4.5+0.45) in ultra matt, matt and silk matt.

Appearance: Creamy/milky in the container. Colourless film when dry.

TECHNICAL DATA

Coverage: 10-12 m² per litre.

Mixing: 10 parts of lacquer to 1 part of hardener.

Before application:

Stir/shake the lacquer thoroughly until any settled product has been stirred/shaken in.

Add hardener and stir/shake the lacquer thoroughly again, minimum 45 seconds.

After adding hardener leave for 10 minutes.

Stir/shake the lacquer again prior to use, minimum 45 seconds.

Pot-life: The mixture should be used within 2 hours. Avoid reuse of mixed material beyond this time.

Application tools: Brush, short haired mohair roller, air/airless spray, applicator. Apply the lacquer to the floor sparingly and evenly, rolling out the lacquer promptly so as to avoid gluing the boards together.

Substrate temperature: 15-25 °C.

Dilution: Maximum 15 % dilution with water by spray application.

Drying time at 20 °C and 50 % RH:

Approx. 3 hours.

Ready for light traffic: 8 hours.

Fully cured after 72 hours.

Apply only 2 coats of lacquer per day.

RH: Water-based products have a certain gluing effect and are therefore only recommended to be used in rooms with a stable humidity. This means that the difference between the highest and lowest relative humidity should not fluctuate more than 30 % over the year.

Cleaning of tools: Soap and water immediately after use.

Storage: Lasts for 1 year if unopened and stored at 20 °C. Not to be exposed to temperatures below 5 °C.

SYSTEM RECOMMENDATIONS

High traffic commercial areas:

1 coat WB Primer 8 m²/litre or 1 coat SB Primer 10 m²/litre

+ 2 coats HT700 Floor Lacquer 10-12 m²/litre.

DIRECTIONS FOR USE

Untreated/sanded floors:

Ensure that the surface is absolutely clean, dry and free from dust, wax, grease, polish, soap residues etc. Sand the surface to remove dirt and irregularities. Vacuum thoroughly and wipe off with a cloth well wrung in clean water.

- Apply one coat of Junckers WB Primer or Junckers SB Primer. Leave to dry.
- Sand with sandpaper grit 150-180 along the fibres of the wood.
- Vacuum sanding dust and wipe off with a cloth well wrung in clean water.
- Apply a coat of HT700 Floor Lacquer.
- Leave to dry overnight and then apply the final coat.
- Adhesion properties are optimized if the surface is sanded with sandpaper grit 150-180 before the final coat of lacquer. If the final coat of lacquer is applied after more than 24 hours, sanding must always be carried out.

Previously sealed floors:

- Wash with Junckers Neutralizer and sand thoroughly using sandpaper grit 150-180.
- Vacuum sanding dust and wipe off with a cloth well wrung in clean water.
- Apply one coat of HT700 Floor Lacquer and leave to dry.
- Before lacquering the full area, it is recommended to conduct a trial application on a smaller area.

Tip for UV-lacquered floors: Pay particular attention to UV-lacquered engineered floors. For optimal adhesion we recommended to replace ordinary sandpaper with a 180-240 grit diamond sanding pad.

How to conduct a trial application:

Lacquer a couple of spots, 2 coats at 4 hours interval. After drying for 24 hours check the spots for adhesion by scraping with the edge of a coin. If the adhesion is functioning and the appearance of the surface is acceptable, the floor can be lacquered. If the result is not acceptable, continue as described under "Wax/polish treated floors".

Wax/polish treated floors:

- Machine sand before lacquering. Use sandpaper grit 24-36 to strip old coats.
- Then remove abrasion marks with grit 60-80.
- Finally, use sandpaper grit 120-150 to obtain a completely smooth surface.
- Vacuum sanding dust carefully.
- Then seal the floor as described under "Untreated/sanded floors".

PRECAUTIONARY MEASURES

Before using the product, read the label on the container carefully and observe the recommended precautionary measures. See Safety Data Sheet for detailed information.

FURTHER INFORMATION

Products:

F 5.3 - Junckers WB Primer

F 6.4 - Junckers SB Primer

F 10.3 - Junckers Neutralizer