

MT500 FLOOR LACQUER PRODUCT INFORMATION



GENERAL DESCRIPTION

One-component low odour water-based floor lacquer. For wooden floors in heavy traffic residential areas and lighter traffic commercial floors.

Offers the ease of use of a one-component product with excellent levelling and flow characteristics. The product is ideal for use on previously sealed and untreated floors.

When lacquering an untreated floor or a floor sanded to bare wood, use one of Junckers' primers prior to the finishing top seal.

MT500 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 and private use.

PRODUCT DESCRIPTION

Product: Co-polymer polyurethane/acrylic lacquer.

Package sizes:

2½ litres: Matt and silk matt

5 litres: Ultramatt, matt and silk matt

Appearance:

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

TECHNICAL DATA

Coverage: 10 m² per litre.

Before application: Shake/stir well before use.

Application tools: Brush, roller, air/airless spray. Do not apply by pouring out the lacquer directly onto the floor.

Substrate temperature: 15-25 °C.

Dilution: Not recommended.

Drying time at 20 °C and 50 % RH: Approx. 4 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

1 coat WB Primer 8 m²/litre + 2 coats MT500 Floor Lacquer 10 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 and leave to dry according to recommendation.
- 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 one coat of MT500 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.
- Sand thoroughly using grit 150-180.
- Vacuum sanding dust and wipe off with a cloth well wrung in clean water.
- Apply one coat of MT500 Floor Lacquer and leave to dry.
- Before lacquering the full area, it is recommended to conduct a trial application on a smaller area.

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 by first using grit 24-36 to strip old coats.
- Then remove abrasion marks using grit 60-80.
- Finally, use grit 120-150 to obtain a completely smooth surface. Vacuum thoroughly.
- Treat 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 10.3 - Junckers Neutralizer