

# HP FRICTION+

## PRODUCT INFORMATION



### GENERAL DESCRIPTION

A slip resistant two-component non-yellowing water-based 100 % polyurethane lacquer. Fast curing and ideal for use in high traffic areas where slip resistance is important, eg. restaurants and bars. HP Friction+ is tested to BS5796-2.

The lacquer is not recommended for sport purposes with player contact without use of mats.

HP Friction+ must be used as the final coat only and must be mixed with Junckers HP Hardener before use.

HP Friction+ 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 only.

### PRODUCT DESCRIPTION

**Product:** Two-component water-based polyurethane lacquer.

**Package sizes:** 4.95 (4.5+0.45) litres in ultra matt.

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

### TECHNICAL DATA

**Coverage:** 10-12 m<sup>2</sup> 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.

Pour 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:** Minimum 15 °C and maximum 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 before the lacquer dries. Rollers might still contain small particles after cleaning. Therefore, the roller can only be reused for HP Friction+.

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

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## SYSTEM RECOMMENDATIONS

**Commercial areas or sport areas without player contact:**

1 coat PreLak 8 m<sup>2</sup>/litre or 1 coat BasePrime 10 m<sup>2</sup>/litre

+ 1-2 coats HP Commercial 10-12 m<sup>2</sup>/litre

+ 1 coat HP Friction+ 10-12 m<sup>2</sup>/litre.

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## 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 PreLak or Junckers BasePrime. 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 1 coat of Junckers HP Commercial or Junckers HP Sport.
- Leave to dry overnight and then apply one more coat, if necessary.
- When dry, apply one coat HP Friction+ as the final coat.

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**Manufacturer:**

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**Previously sealed floors:**

- Wash with Junckers SylvaNeutralizer.
- 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 HP Friction+ 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 before lacquering. Use sandpaper grit 24-36 to strip old coats.
- Then remove abrasion marks with sandpaper 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".

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## PRECAUTIONARY MEASURES

Before using the product, read the label on the container carefully and observe the recommended precautionary measures.

See Material Safety Data Sheet for detailed information.

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## FURTHER INFORMATION

**Products:**

- F 5.3 - Junckers PreLak
- F 6.4 - Junckers BasePrime
- F 8.2 - Junckers HP Sport
- F 8.5 - Junckers HP Commercial
- F 10.3 - Junckers SylvaNeutralizer