

# HP800 SPORT PRODUCT INFORMATION



## GENERAL DESCRIPTION

- Water-based two-component floor lacquer.
- 100 % polyurethane based.
- Specially developed for use on sports floors.
- Very hard-wearing and scuff resistant.
- Fast-drying, non-yellowing and excellent flow characteristics.
- Designed with hardener for increased durability.
- Recommended for lacquering of untreated and machine sanded wooden floors.
- Perfect for previously sealed floors as well.
- Untreated and machine sanded floors must be treated with one of Junckers' primers prior to the finishing top seal
- FIBA approved for use on sports floors where basketball is played at competition levels 1 and 2.
- Meets the requirements of the European sports standard EN14904.
- Has received the Danish Indoor Climate Labelling.

For professional use.

## PRODUCT DESCRIPTION

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

**Package sizes:** 4.95 litres (4.5+0.45) and 24.2 litres (22+2.2) in ultra matt, matt and silk matt.

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

## TECHNICAL DATA

**Coverage:** 10-12 m<sup>2</sup> per litre/110-130 sq.ft per litre (400-490 sq.ft per gallon).

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

### Before application:

Stir/shake the lacquer until all sediment is dissolved and add hardener.

Stir/shake for a minimum of 45 seconds, let the mixture rest for 10 minutes and stir/shake again for 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. Avoid using applicator on portable floors.

**Substrate temperature:** 15-25 °C (59-77 °F).

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

**Drying time at 20 °C (68 °F) and 50 % RH:**

Sanding/overcoating: 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 (68 °F). Not to be exposed to temperatures below 5 °C (41 °F).

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## SYSTEM RECOMMENDATIONS

**Untreated/sanded floors:**

1 coat WB Primer 8 m<sup>2</sup>/litre or 1 coat SB Primer 10 m<sup>2</sup>/litre

+ 2 coats HP800 Sport 10-12 m<sup>2</sup>/litre / 110-130 sq.ft per litre (400-490 sq.ft per gallon).

Any court line paint (HP Sport Linemarking) is applied before the final coat of HP800 Sport.

**Previously sealed/new prefinished floors:**

Cleaning with Neutralizer + 1 coat HP800 Sport 10-12 m<sup>2</sup>/litre / 110-130 sq.ft per litre (400-490 sq.ft per gallon).

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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 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 one coat of HP800 Sport and leave to dry overnight.
- Then apply the final coat. Any court line paint is applied before the final coat of HP800 Sport.
- Adhesion properties are optimized if the surface is sanded with sandpaper grit 150-180 before court line paint and 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/new prefinished 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 HP800 Sport 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 grit 24-36 to strip old coats.
- Then remove abrasion marks with grit 60-80.
- Finally, use 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 Safety Data Sheet for detailed information.