



#### General Description

**Junckers HIGH PERFORMANCE FRICTION+** is a low-odour, hard-wearing water-based polyurethane lacquer where a high level of slip resistance is required.

**Junckers HIGH PERFORMANCE FRICTION+** has a textured surface and is very suitable for fitness/aerobic centres, bars, restaurants etc., where sweat, beer spillage etc. can make the floor temporarily slippery, until it is cleaned after use. The product is tested to BS5796-2 and has a low potential for slip under wet conditions.

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

**Junckers HIGH PERFORMANCE FRICTION+** should only be used as the final coat in a system.

#### Technical Data

<b>Product:</b>	2 component water-based polyurethane lacquer.
<b>Package sizes incl. Hardener:</b>	4.95 litre (4.5 + 0.45).
<b>Appearance:</b>	Creamy/milky in the container. Colourless film when dry.
<b>Gloss:</b>	Ultramatt.
<b>Mixing:</b>	10 parts of Lacquer to 1 part of Hardener. Important: Shake or stir the Lacquer part vigorously before mixing. Add Hardener to Lacquer part while constantly stirring. Blend vigorously after addition. After mixing allow the mixture to rest 10 minutes before use.
<b>Pot-life:</b>	The mixture should be used within 2 hours. Avoid reuse of mixed material beyond this time.
<b>Coverage:</b>	10 - 12 m <sup>2</sup> per litre.
<b>Application tools:</b>	Brush, short haired mohair roller, air/airless spray.
<b>Surface temperature:</b>	Minimum 10°C.
<b>Dilution:</b>	The lacquer system is ready for use when mixed with the Hardener. Maximum 15 % dilution with water by spray application.
<b>Drying time:</b>	Touch dry: Approx. 3 hours at 20°C and 50 %RH. Ready for light traffic: 8 hours. Full resistance: 3 days.
<b>Cleaning of tools:</b>	Rinse the tools in soap and water before the lacquer dries. <b>Junckers Thinner 006</b> after drying. Tools, especially rollers, might still contain particles after cleaning. Therefore, the roller can only be reused if <b>Junckers HIGH PERFORMANCE FRICTION+</b> is applied.
<b>Storage:</b>	Lasts for 2 years if unopened and stored at 20°C. Not to be exposed to temperatures below 0°C.

### System Recommendations

<b>High traffic, Domestic and Light commercial traffic areas:</b>	1 coat <b>Junckers PRELAK</b> 8 m <sup>2</sup> /ltr or 1 coat <b>Junckers PRO SEAL</b> 10 m <sup>2</sup> /ltr + 1-2 coat <b>Junckers High Performance Commercial</b> 10-12 m <sup>2</sup> /ltr. + 1 coat <b>Junckers HIGH PERFORMANCE FRICTION+</b> 10-12 m <sup>2</sup> /ltr.
<b>Sport Areas, no player contact:</b>	1 coat <b>Junckers PRELAK</b> 8 m <sup>2</sup> /ltr or 1 coat <b>Junckers PRO SEAL</b> 10 m <sup>2</sup> /ltr + 1-2 coat <b>Junckers HP SPORT</b> 10-12 m <sup>2</sup> /ltr + 1 coat <b>Junckers HIGH PERFORMANCE FRICTION+</b> 10-12 m <sup>2</sup> /ltr.
<b>Sport Areas, with player contact:</b>	Not recommended without mats. Risk of body injuries.

### Directions for Use

#### Untreated/Sanded Floors:

Ensure that the surface is absolutely clean, dry and free from all dust, wax, grease, polish, soap residue etc. Sand away wax, oil stains, lacquer residue etc. Vacuum thoroughly. Apply the first coat in the system. Leave to dry.

Sand with 150-180 grit sandpaper along the fibres of the wood. Vacuum sanding dust and wipe with a well wrung out cloth and clean water.

Apply further 1-2 coats of **Junckers HP SPORT**. Leave to dry and apply a coat **Junckers HIGH PERFORMANCE FRICTION+** as final coat.

#### Previously sealed floors:

Wash with **Junckers Sylva Neutralizer**. Sand thoroughly using grit 180-220. Vacuum sanding dust and wipe well with a well wrung out cloth and clean water. Trial applications should be tried on 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 good and the surface is acceptable, a coat of **Junckers HIGH PERFORMANCE FRICTION+** can be applied.

If not satisfactory, proceed as under “**Wax/Polish Treated floors**”.

#### Wax/polish treated floors:

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

#### Important!

Before use of the product, read the label on the container carefully and observe the advised precautionary safety measures.

#### Important!

Water-based products have a certain gluing effect and are therefore recommended to be used in rooms with a stable humidity.

#### Important!

Don't apply by pouring out the lacquer. Apply using recommended tools.

#### Important!

Stir well before use.

### Further information

#### Products:

F 5.3 - **Junckers PRELAK**  
F 6.5 - **Junckers Thinner 006**  
F 8.2 - **Junckers HP SPORT**  
F 8.3 - **Junckers High Performance Commercial**  
F 8.6 - **Junckers PRO SEAL**  
F 10.3 - **Junckers Sylva Neutralizer**