

### General Description

Junckers HIGH PERFORMANCE FRICTION + is a low-odour, hard-wearing water-based polyurethane lacquer for pre-finished or untreated or machine sanded wooden floors in areas where a high level of slip resistance is required. 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 slippery. The product is tested to BS5796-2 and has a low potential for slip under wet conditions. The lacquer is not recommended for areas where ball-sports are practiced (e.g. basketball, handball, volleyball, indoor football).

Junckers HIGH PERFORMANCE FRICTION + Lacquer should be mixed with HIGH PERFORMANCE FRICTION + Hardener before use.

### Technical Data

<b>Product:</b>	2 component water-based polyurethane lacquer.
<b>Package sizes:</b>	Lacquer part: 4.5 litres Hardener part: 0.5 litre
<b>Appearance:</b>	Colourless.
<b>Gloss:</b>	Ultra Matt, Gloss 10
<b>Mixing proportions:</b>	10 parts of Lacquer to 1 part of Hardener. Shake the Lacquer part before mixing. Add Hardener to the Lacquer part and shake vigorously. After mixing allow to rest 10 minutes, shake again and the lacquer is ready for use.
<b>Pot-life:</b>	The mixture should be used within 2 hours. Avoid re-use of mixed material beyond this time.
<b>Coverage:</b>	10 - 12 m <sup>2</sup> per litre.
<b>Application tools:</b>	Brush, short haired roller, air/airless spray.
<b>Surface temperature:</b>	Minimum 10°C.
<b>Recoating interval:</b>	2 - 3 hours at 20°C. Apply max. 2 coats per day.
<b>Dilution:</b>	The lacquer system is ready for use when mixed with the Hardener.
<b>Drying time:</b>	Touch dry: Approx. 2 to 3 hours at 20°C. Ready for light traffic: 8 hours. Full resistance: 3 days.
	<b>Cleaning of tools:</b> Rinse tools in soapy water before the lacquer dries. Tools, especially rollers, might still contain particles after cleaning. Therefore, the roller can only be reused if HIGH PERFORMANCE FRICTION + is applied.
<b>Storage:</b>	Not to be exposed to temperatures below 0°C. Shelf life 1 year in unopened can and stored at 20°C.

### System Recommendations

- High traffic areas:**
- 1 coat Junckers PRELAK 8 m<sup>2</sup>/ltr or PRO SEAL 10 m<sup>2</sup>/ltr +
  - 1 coat Junckers HIGH PERFORMANCE COMMERCIAL 10-12 m<sup>2</sup>/ltr.
  - 1 coat Junckers HIGH PERFORMANCE FRICTION + 10-12 m<sup>2</sup>/ltr.
- Sport Areas, no player contact:**
- Areas with air conditioning:
  - 3 coats Junckers HIGH PERFORMANCE SPORT 10-12 m<sup>2</sup>/ltr.
  - Areas without air conditioning:
  - 1 coat Junckers PRELAK 8 m<sup>2</sup>/ltr or PRO SEAL 10 m<sup>2</sup>/ltr +
  - 1 coat Junckers HIGH PERFORMANCE SPORT 10-12 m<sup>2</sup>/ltr.
  - 1 coat Junckers HIGH PERFORMANCE FRICTION + 10-12 m<sup>2</sup>/ltr.
- Sport Areas, player contact:**
- Not recommended. 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 remnants etc. Sand away wax, oil stains, lacquer residue etc. Vacuum sanding dust. Seal according to System Recommendations above.

Always apply Junckers HIGH PERFORMANCE FRICTION + as the top coat.

Sand with fine paper (grain 180-240) longitudinally with the grain of the wood. Vacuum sanding dust and wipe with a cloth slightly damp.

Apply 1 coat of Junckers HIGH PERFORMANCE FRICTION +.

#### Previously sealed floors

To ensure optimum adhesion and appearance, dust, wax, grease, polish and soap remnants are removed by sanding (fine sandpaper 180-240). Wax, grease, polish must be removed with a suitable stripper before sanding. Sanding dust should be removed by vacuum cleaning then wiping with a slightly damp cloth.

Then trial applications are performed on a couple of small areas. After drying 24 hours the spots are checked for adhesion by scraping with the edge of a coin. If the adhesion is good and the surface is acceptable, the whole floor can be lacquered.

If not satisfactory, proceed as under "Wax/Polish treated floors".

#### Wax/polish treated floors

Machine sand before lacquering. Use grain size 24 to strip old coats. Then remove abrasion marks with grain size 60. Finally, use grain size 120-150 to obtain a completely smooth surface. Vacuum sanding dust and wipe with a cloth slightly damp. Then seal the floor as described under "Untreated/Sanded floors".