

# HEMEL<sup>®</sup> Sport Varnish

**Description:** One component non-slip varnish for sports floorings

**Color:** Clear

**Gloss:** High-gloss

**Type:** Water-based

**General Features:**

- Non-slip
- High-gloss
- High abrasion and scratch resistance
- Elastic
- Odorless
- Lead-free
- Ready to use

**Packaging Size:** 10 L.

**Where To Use:**

- Wooden sports flooring

**Product Data:**

Solid Content (% weight):	31,4 ± 1
Viscosity (DIN4, 20°C):	29 <sup>u</sup> ± 2
Density (g/cm <sup>3</sup> ):	1,03 ± 0,02
VOC (g/L):	35
Application Method:	Brush or roller
Shelf Life (5-35°C):	2 years for unopened plastic can
Number of Coats:	2 coats
Coverage (m <sup>2</sup> /L):	6-7 m <sup>2</sup> with 2 coats
Drying Time (at 20°C and 40-65% relative humidity):	Recoat: 1,5-2 hours Complete Dry: 24 hours Full Cure: 7 days
Thinning:	Ready to use, does not require thinning. (At very high temperatures 2-3% drinking water may be added).

**Surface Preparation:**

- Before applying HEMEL Sport Varnish, wait 24 hours for HEMEL Sport Primer applied surfaces to dry.
- Sand HEMEL Sport Primer coated surface with sandpaper #180/220 (aluminium oxide or silicon carbide type sandpaper is recommended).
- Thoroughly clean the generated dust and remove it completely from the surface with a vacuum cleaner.
- Clean the remaining dust with a damp cloth.

**Application:**

- The product is ready to use and does not require thinning. (At very high temperatures 2-3% drinking water may be added).
- Stir the product thoroughly before use and check its homogeneity. Repeat this process during the application.
- Apply HEMEL Sport Varnish on HEMEL Sport Primer coated surfaces only.
- Apply the product in 2 coats by a brush or roller without sanding and wait 1,5-2 hours between coats.
- For any reason, If 8 hours exceeded after applying the first coat, wait 24 hours and sand the surface with sandpaper #180/220 (aluminium oxide or silicon carbide type sandpaper is recommended) before applying 2nd coat.
- The area should be ventilated during and after the application to promote the drying.
- Allow 7 days for full cure. Do not use the floors actively for 7-10 days.

**Instructions:**

- FOR INTERIOR USE ONLY.
- Do not apply products such as nitro, polyurethane basecoats or primers before HEMEL Sport Varnish.
- Keep product closed when not in use.
- The general application temperature of the product is between 15°C to 25°C at a relative humidity range of 40-65%.
- The moisture content of the wood should be below 12%.
- The area should be ventilated during and after the application to promote the drying.
- The product should not be applied when the weather or surface temperature is below 10°C.
- The varnished floor should not be cleaned with ammonia containing cleaning materials.
- The varnished floor can be stepped on after 24 hours. Allow 7 days before spreading carpet and/or cleaning.
- The product should be protected from freezing and stored at temperatures between 5°C to 35°C.
- Painting tools should be cleaned with soap and plenty of warm water after application.

**Safety Precautions:**

- USE WITH ADEQUATE VENTILATION.
- KEEP OUT OF REACH OF CHILDREN.
- Do not transfer contents to other containers for storage.
- Do not use empty plastic cans for other purposes.
- To avoid overexposure, open windows and doors or use other means to ensure fresh air entry during application and drying.
- Avoid contact with eyes and skin.
- Wash hands after using.
- FIRST AID: In case of eye contact, flush thoroughly with large amounts of water. Get medical attention if irritation persists. If swallowed, call Poison Control Center, hospital emergency room, or physician immediately.
- Dispose of contents/plastic cans in accordance with national regulations.
- Please refer to the Safety Data Sheet (SDS) of the product for health and safety information.

**Certificates:**

- EN71-3 Toy Safety Certificate