

# HEMEL® Home

**Description:** Water-based one component parquet varnish

**Color:** Clear

**Gloss:** Matt, semi-matt and high-gloss

**Type:** Water-based

**General Features:**

- Odorless
- Hard and durable
- High abrasion and scratch resistance
- Easy maintenance
- Lead-free
- Ready to use

**Packaging Size:** 5 L.

**Where To Use:**

- Wooden floors

**Product Data:**

Solid Content (% weight):	31,5 ± 1
Viscosity (DIN4, 20°C):	21" ± 2
Density (g/cm <sup>3</sup> ):	1,03 ± 0,02
VOC (g/L):	12
Application Method:	Brush or roller
Shelf Life (5-35°C):	2 years for unopened plastic can
Number of Coats:	3 coats
Coverage (m <sup>2</sup> /L):	4-5 m <sup>2</sup> with 3 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:**

- Do not use products like cellulose or polyurethane filler or primer before the application of the product. As a filler, mix the wood dust with the product and fill all gaps and joints of the parquet. Clean the excess paste after it has dried out.
- **New Wooden Floors:**
  - Clean the surface completely.
  - Sand the surface with parquet sanding machine or hand using sandpaper #120/150.
  - Thoroughly clean the generated dust and remove it completely from the surface with a vacuum cleaner.
  - HEMEL Universal Stain can be used for coloring the parquet floor. After the coloring, allow at least 6 hours to dry before varnish application.

**● Varnished Wooden Floors:**

- Remove the old varnish from the parquet completely with a scraping machine. Remove any dirt, oil, wood dust and old varnish residues from the surface.
- Thoroughly clean the generated dust and remove it completely from the surface with a vacuum cleaner.
- Remove 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 the 1st coat by a brush or roller and leave it to dry for 2 hours.
- Perform a slight sanding with sandpaper #180/220 before applying 2nd coat.
- Apply the 2nd and 3rd coats in 2 hours intervals by sanding with sandpaper #180/220 between the coats.
- For any reason, if 8 hours exceeded between coats, wait 24 hours and sand the surface with sandpaper #220/240 (aluminium oxide or silicon carbide type sandpaper is recommended) before applying the next coat.
- Apply the 1st varnish coat first across the grain and then along the grain to leave equal and sufficient amount on parquet surface without sweeping too much.
- The area should be ventilated after the application to promote the drying.
- Allow 7 days for full cure.

**Maintenance (when the same product had been used before):**

- Do not apply the product directly on pre-coated surfaces.
- Remove the old varnish from the parquet completely with a scraping machine. Remove any dirt, oil, wood dust and old varnish residues from the surface.
- Thoroughly clean the generated dust and remove it completely from the surface with a vacuum cleaner.
- Remove the remaining dust with a damp cloth.
- Repeat same process as described in "Application" with 3 coats.
- Inspect annually and maintain as required.

**Instructions:**

- FOR INTERIOR USE ONLY.
- Do not apply products such as nitro, polyurethane basecoats or primers before HEMEL Home.
- 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