

HEMEL® Hybrid Oil

Description: New generation tinted waterbased hybrid oil for exterior wooden surfaces

Color: Clear, Mustard, Natural

Gloss: Natural look

Type: Water based

General Features:

- Beautiful natural finish
- Does not cause darkening on ThermoWood®
- Penetrates deeply and nourishes the wood
- Non-film forming
- One coat protection
- Low odour
- Fast drying
- Water repellent
- Easy application
- Increased resistance to UV
- Child safe (EN 71-3 Certified)
- Ready to use

Packaging Size: 15 L.

Where to Use:

- Fences
- Decks
- Garden furniture
- Pergolas
- Claddings
- ThermoWood® wooden surfaces

Product Data:

Solid Content % (weight):	34,13 ± 1
Viscosity (DIN4, 20°C):	12" ± 2
Density (g/cm ³):	1,03 ± 0,02
VOC (g/L):	33
Application Method:	Brush or roller
Shelf Life (5-35°C):	2 years for unopened can
Number of Coats:	1 coat
Coverage (m ² /L):	10-12 m ² on softwoods, 15-18 m ² on hardwoods (depending on wood type and application method)
Drying Time (at 20°C and 40-65% relative humidity):	Touch Dry: 30 minutes Complete Dry: 16 hours
Thinning:	Ready to use, does not require thinning.

Surface Preparation:

- Remove any dirt, oil and wood dust from the surface.
 - **New Wood Surfaces:**
 - Sand the surface with sandpaper #80/120.
 - Thoroughly clean the generated dust.
 - **Old Uncoated Wood Surfaces:**
 - Sand the weathered surface with sandpaper #150/180 or restore wood surface using HEMEL Deck Restorer.
 - **Coated Wood Surfaces:**
 - Do not apply the product directly on pre-coated surfaces.
 - Remove the old paint/varnish from the surface completely with a sanding machine.
 - Thoroughly clean the generated dust.

Application:

- The product is ready to use and does not require thinning.
- Stir the product thoroughly before use and check its homogeneity. Repeat this process during the application.
- Apply the product in 1 coat by a brush or roller and remove the excess oil by brush for the best result.
- Apply in the direction of wood to get a homogeneous look.
- The treated surfaces may be stepped on after 24 hours.

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

- Do not apply the product directly on pre-coated surfaces.
- Clean the wood surface completely from dirt and oil and perform a slight sanding.
- Thoroughly clean the generated dust.
- Repeat same process as described in "Application".
- Inspect annually and maintain as required.

Instructions:

- 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 max. 20%.
- Do not apply the product under direct sunlight or rain.
- Do not apply linseed oil, basecoat/primer, yacht varnish before or after HEMEL® Hybrid Oil applied surfaces.
- 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 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/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