

HEMEL® Marine Universal Stain

Description: Water-based semi-transparent interior/exterior wood colorant

Color: HD 2011 (Chestnut), HD 2013 (Dark Walnut), HD 2021 (Teak), HD 2022 (Mahogany)

Type: Water-based

General Features:

- Natural look
- Rich pigmented colors
- Applied by brush/cloth/dipping
- Child safe (EN 71-3 Certified)
- Ready to use

Packaging Size: 0,750 L.

Where to Use:

- Interior/exterior wooden surfaces of boats above sea level

Product Data:

Solid Content (% weight):	17,9 ± 2
Viscosity (DIN4, 20°C):	12" ± 2
Density (g/cm ³):	1 ± 0,03
VOC (g/L):	73
Application Method:	Brush, cloth or dipping
Shelf Life (5-35°C):	2 years for unopened can
Number of Coats:	1 coat
Coverage (m ² /L):	10-12 m ² depending on wood type
Drying Time (at 20°C and 40-65% relative humidity):	Complete Dry: 4-6 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 #80/120.
 - Thoroughly clean the generated dust.
 - **Coated Wood Surfaces:**
 - Do not apply the product directly on pre-coated surfaces.
 - Remove the old paint/varnish from the surface completely with a sandpaper.

- 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 brush, cloth or dipping and wait 4-6 hours for complete dry.
- Apply in the direction of wood grain to get a homogeneous look.
- For interior use decorative finish apply HEMEL Ultramat as topcoat, for exterior use, UV protection and decorative finish apply HEMEL Yacht Varnish as topcoat.

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

- Do not apply the product directly on pre-coated surfaces.
- Remove the old stain/varnish from the surface completely with a sandpaper.
- Thoroughly clean the generated dust.
- Repeat same process as described in “Application”.
- For interior use decorative finish apply HEMEL Ultramat as topcoat, for exterior use, UV protection and decorative finish apply HEMEL Yacht Varnish as topcoat.
- 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% for exterior. For interior use, the moisture content of the wood should be max. 12%.
- Do not apply the product under direct sunlight or rain.
- Do not apply linseed oil, basecoat/primer, yacht varnish before HEMEL Marine Universal Stain 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