

HEMEL® Universal Stain

Description: Semi-transparent interior/exterior wood stain

Color: SA 1111 (pale walnut), SA 1119 (white), SA 1121 (teak), SA 1151 (chestnut), SA 1166 (green), SA 1184 (brenner walnut), SA 1188 (brown walnut), SA 1190 (mahogany), SA 1192 (walnut)

Type: Water-based

General Features:

- Natural look
- Applied by brush/cloth/dipping
- Lead-free
- Environmentally friendly
- Ready to use

Packaging Size: 2,5 L.

Where To Use:

- Suitable for interior/exterior wood
- Doors and window joinery
- Shutters
- Claddings
- Fences
- Pergolas
- Balcony railings
- Roof fringes
- Interior wooden floorings
- Panels
- Wooden ceilings

Product Data:

Solid Content % (weight):	18,4 ± 1
Viscosity (DIN4, 20°C):	11" ± 2
Density (g/cm ³):	1 ± 0,02
VOC (g/L):	33
Application Method:	Brush, cloth or dipping
Shelf Life (5-35°C):	1 year 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 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.
- At extremely hot weathers you may add HEMEL Stabilizer by 2-3% to extend open time (drying time).
- For interior use decorative finish, apply HEMEL Varnish for Interior, HEMEL Home, HEMEL Heavy Traffic Parquet Varnish or HEMEL Ultramat as topcoat.
- For exterior use UV protection and decorative finish, apply HEMEL Varnish for Exterior or Hickson Decor® Aqua Industrial-Varnish VA10XX/VA11XX as topcoat.

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

- Do not apply the product 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".
- 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.
- Do not apply the product under direct sunlight or rain.
- Do not apply linseed oil, basecoat/primer, yacht varnish before or after HEMEL Universal Stain applied surfaces.
- To provide a long lifetime protection against decay, apply HEMEL Timbercare Aqua on untreated softwoods and wait 24 hours before applying HEMEL Universal Stain.
- The same product can be purchased in 15 L. cans as Hickson Decor® Aqua Industrial-Stain.
- 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