



ard f.lli raccanello s.p.a. industria vernici e smalti

TECHNICAL SHEET **125**

CODE 0.451

ard ship

Mono-component polyurethane glossy varnish for boats

GENERAL PROPERTIES

ARD SHIP is a transparent varnish for wood based on urethane oil alkyd resins which lend an exceptional resistance to atmospheric agents & prolonged immersion in brackish water.

ARD SHIP is easy to apply, spreads perfectly forming a hard, full & glossy film which preserves elasticity & adherence even when exposed to sun radiation & saltiness. Its specific for the protection & decoration of wooden structures on boats & wooden surfaces exposed to marine/mountainous atmospheric agents or radiation.

INSTRUCTIONS

Substrate preparation:

- Bare wood: prepare the surface accurately, sand & remove dust/filth. Ensure the substrate is perfectly dry & apply two or more hands of ARD SHIP.
- Unsound varnished wood: remove *saltiness* with plenty of water. Sand thoroughly & remove the previous varnish. Clean accurately, ensure the substrate is perfectly dry & apply two layers of ARD SHIP.
- If you wish to colour the wood, we suggest applying a first coat of ARD DECOR (satin-finish impregnating agent for wood) in the colour desired. Allow 12 hrs, sand & apply ARDSHIP.

Application:

Apply ARD SHIP as follows:

- Brush/roller: apply the first hand thinning with 15-16% in volume with Diluente ARD 0.970.0030. Apply all the subsequent layers at 24 hr intervals thinning at 6-7% in volume with Diluente ARD 0.970.0030.
- Spray gun: use a max of 16% in volume with Diluente ARD 0.976.0040 with the appropriate equipment. Allow at least 24 hrs between coats. We suggest sanding lightly between layers with fine sand paper working in the direction of the wood's vein.
- Ensure premises are aired correctly when applying indoors.
- Do not apply at ambient or substrate temperature below +5 °C or above +35 °C. Avoid applying in direct sunlight.
- Wash equipment with Diluente ARD 0.970.0030.

- The product is flammable. Use in compliance with current Health & Safety Regulations. Dispose of spent material/containers according to the local regulations. Do not empty excess material into water tables. Allow residues to dry out & treat them as special waste.
- Refer to the PSDS for further information.

TECHNICAL PROPERTIES

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|-----------------------------|----------------|---------------------------|
| SPECIFIC WEIGHT | | 920 ± 30 g/l |
| VISCOSITY AT 20°C | | 32 ± 3 s DIN Cup 6 |
| GARDNER'S GLOSSMETRE AT 60° | | >95 |
| DRYING AT 20 °C | DUST FREE | 1 hr |
| | TOUCH DRYING | 4 hrs |
| | THROUGH DRYING | 24 hrs |
| FLASH POINT | | + 39° |

YIELD

A minimum dry film thickness of 50 microns is required for a good result. In order to obtain such thickness, on wood with medium porosity, apply 2 brush/air-spray gun coats. If applied correctly, without spilling it yields 10m²/l.

TENDER SPECIFICATION ITEM

MONO COMPONENT POLYURETHANE VARNISH FOR BOATS

Two layer application on wooden surfaces of glossy transparent varnish based on urethane oil alkyd resins resistant outdoors type ARD SHIP with a minimum consumption of 0,1 l/m².

€/m²

The data herein were correct at the time of Quality Control and refer to standardized environmental conditions. The same are to be considered as a guide.
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