



ard raccanello s.p.a.

TECHNICAL SHEET N° 126

COD. 0.451.0500

ard ship opaco

Mono-component polyurethane matt varnish for boats

GENERAL PROPERTIES

ARD SHIP OPACO 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 OPACO is easy to apply, spreads perfectly forming a hard, full & glossy film which preserves elasticity & adherence even when exposed to sun radiation & saltiness. For these features, ARD SHIP OPACO is 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 ARDSHIP OPACO.
- 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 ARDSHIP OPACO.
- 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 ARD SHIP OPACO.

Application

ARD SHIP OPACO can be applied as follows:

- Brush: apply the first hand thinning with 3-4% in volume with Diluente ARD 0.970.0030. Apply all the subsequent layers thinning at 1-2% in volume of the same diluent.
- Spray gun: use a max of 4% in volume of 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

SPECIFIC WEIGHT	920 ± 30 g/l	
VISCOSITY AT 20°C	35 ± 5 s Tazza DIN n.4	
GLOSS (GARDNER'S GLOSSMETRE AT 60°C)	15 ± 5	
DRYING AT 20° C	DUST FREE	1 hr
	TOUCH DRYING	4 hrs
	THROUGH DRYING	24 hrs
FLASH POINT	+ 39°C	

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:

- 2 brush layers

or with

- 2 air spray gun layers

If applied correctly, without spilling it yields 8 m²/litre.

TENDER SPECIFICATION ITEM

MONO COMPONENT POLYURETHANE MATT VARNISH FOR BOATS

Two layer application on wooden surfaces of matt

varnish based on urethane oil alkyd resins resistant outdoors type

ARD SHIP OPACO with a minimum consumption of 0,13 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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