



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

TECHNICAL SHEET **128**

CODE 0.450.0500

ard holz

Mono-component polyurethane matt wood varnish

GENERAL PROPERTIES

ARD HOLZ is a flat colourless transparent wood varnish which resists atmospheric agents & thermal excursions. The film does not crack, preserves filling power, elasticity & adherence even in mountainous or marine environments.

Top-quality matting additives are employed to obtain a smooth, velvety surface which features good scratch/scrub resistance. These properties make ARD HOLZ 0.450.0500 an excellent matt finish for wooden end items whether in or outdoors (doors, frames, casings & matchboard).

INSTRUCTIONS

Substrate preparation:

- Bare wood: prepare the surface accurately, sand & clean thoroughly. Ensure the substrate is perfectly dry & apply two or more coats of 0.450.0500.
- Unsound paintwork: sand thoroughly & remove any unsound varnish. Clean thoroughly, ensure the substrate is perfectly dry and apply two coats of 0.450.0500.
- 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 hours sand & apply ARD HOLZ Opaca.

Application:

Apply ARD HOLZ using a brush as follows:

- Stir well, apply the first coat, thinning at 10-14% in volume of Diluente ARD 0.970.0030. Allow at least 24 hrs between coats.
- It is advisable to lightly sand the surface between coats (*use very fine sandpaper working in the direction of the wood's grain*).
- 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.
- Store in cool, frost free premises.
- Wash equipment immediately after use with Diluente ARD 0.970.0030.

The product is flammable. Transport, store & apply in compliance with the current Health & Safety Regulations. Do not empty excess material into water tables. Allow residues to dry out fully and treat them as special waste.

Refer to the PSDS for further information.

TECHNICAL PROPERTIES

SPECIFIC WEIGHT		930 ± 30 g/l
VISCOSITY AT 20°C		600 ± 200 cP
GLOSS LEVEL (GARDNER'S GLOSSMETER 60°)		20 ± 5
DRYING AT 20 °C	DUST FREE	2 hrs
	TOUCH DRY	5 hrs
	THROUGH DRY	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, apply (on wood with medium porosity) 2 brush/air gun coats. If applied correctly, without spilling, it yields 8 m²/litre.

TENDER SPECIFICATION ITEM

MONO COMPONENT POLYURETHANE MATT WOOD VARNISH
Application on wooden surfaces of two coats of matt varnish based on urethane oil alkyd resins featuring outdoor resistance type ARD HOLZ, 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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