



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

TECHNICAL SHEET **12**

CODE 0.141.

ardlux

Universal rapid gloss enamel

GENERAL PROPERTIES

ARDLUX is a synthetic enamel based on modified alkyd-resins & light-fast coloured pigments. Such components offer exceptionally fast air drying, elasticity, adherence & colour stability.

ARDLUX provides a full, hard, glossy & highly covering film which also resists weather agents, fuels & lubricating oils.

ARDLUX is ideal for top quality finishes on interior/exterior metal end items (agricultural machines, industrial vehicles, pumps, compressors, shelving, scaffolding, carpentry etc.)

INSTRUCTIONS

Substrate preparation:

- Iron or cast iron surfaces: use a wire brush or emery cloth to remove rust & flaky lamination. Clean thoroughly & apply a layer of ANTIRUGGINE NITRO GRIGIA 0.040. Allow 12 hrs & proceed with ARDLUX. Interior surfaces do not require rust-proofing providing the surface is perfectly clean.
- Aluminium surfaces, lightweight alloy or galvanized sheet iron: degrease, clean thoroughly & apply a hand of Primer Universale ARD 0.006.9418. Allow 24 hrs before applying ARDLUX.

Application:

Apply ARDLUX as follows:

- Air spray gun: stir well, dilute at 18-20% in volume with Diluente ARD 0.972.0042 until viscosity is 30 seconds DIN cup n° 4 at 20°C; nozzles must be 1,4-1,8 in Ø & pressure 2,5-4 kg/cm².
- In order to facilitate the absorption/dilation on extensive surfaces, the product can be thinned at 20-22% in volume with Diluente ARD 0.976.0040. A second hand can be applied, without risking removal, after 25-30 minutes.
- Airless spray gun: thin at 9-10% in volume with Diluente ARD 0.972.0042 until viscosity is 60 seconds of the DIN cup n° 4 at 20°C; nozzles with a 0,229-0,330 mm Ø.
- Refinish with a brush, thinning at 6-7% in volume with Diluente ARD 0.976.0040.
- Allow at least 24 hrs before packing end items.
- Ensure premises are "aired" correctly during application.
- Wash equipment with Diluente ARD 0.972.0042.

- Do not apply under direct sunlight or at ambient temperature below + 5°C. or above + 35°C.
- The product is flammable. Apply, store & transport in compliance with the current Health & Safety Regulations. Dispose of spent material/containers according to the same.
- Refer to the PSDS for further details.

TECHNICAL PROPERTIES

SPECIFIC WEIGHT	1000 ÷ 1210 g/l	
VISCOSITY AT 20 °C	38 ± 3s DIN cup n° 6	
GLOSS (GLOSSMETER GARDNER 60°C)	> 85	
SWARD HARDNESS	> 20	
FLASH POINT	+ 18°C	
DRYING AT 20 °C	DUST FREE	30 mins
	TOUCH DRY	1 hr
	THROUGH DRYING	24 hrs

YIELD

To obtain a good result, a dry film thickness of 50 microns is required. Said thickness (air spray gun: 2 layers/air-less spray gun: 1 layer) if applied correctly without spilling implies a yield of 9,5 -10,5 m²/l.

TENDER SPECIFICATION ITEM

UNIVERSAL RAPID ENAMEL

Application on iron, cast-iron, aluminium, lightweight alloy or galvanized sheet iron of 2 layers of fast drying glossy synthetic enamel based on alkyd resins & outdoor resistant light-fast pigments type ARDLUX with a min consumption of 0,1 l/m².

€/m²

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

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