



ard f.lli raccanello s.p.a.

industria vernici e smalti

TECHNICAL SHEET **27**

CODE 0.032

ardinox

Synthetic rust-inhibitor with zinc phosphate

GENERAL PROPERTIES

ARDINOX is a synthetic rust inhibitor based on alkyd resins & zinc phosphate. It features remarkable filling/hiding power, outstanding flow and elasticity.

Its ideal for corrosion protection on any kind of ironwork, especially when brush application is required (gates, railings, radiators etc.).

INSTRUCTIONS

Substrate preparation:

- Bare surfaces: remove any flaking metal & rust using a wire brush & emery cloth. Clean the surface accurately, ensure it is perfectly dry and apply two coats of ARDINOX. Allow 24 hours & finish with two coats of gloss enamel (NEOARD 0.154 - ARDEOL 0.151 - TEMA LUCE 0.135) or satiny finish enamel (ARD SILK 0.250 - TEMA seta 0.235).
- Unsound painted surfaces: remove any traces of rust & unsound paintwork. Sand the whole surface, clean accurately, and treat any corroded areas with one or two coats of ARDINOX. Allow 24 hours before applying the finish.

Application:

Apply ARDINOX as follows:

- Brush: stir well.; thin at 9-10% in volume with Diluente ARD 0.970.0030 and apply wetting the whole surface accurately so that the product penetrates into any gaps. Allow at least 24 hours between coats.
- Air-spray gun: thin at max 10% in volume with Diluente ARD 0.976.0040 using the appropriate equipment. Allow at least 24 hours between coats.
- Do not recoat ARDINOX with products diluted using nitro thinners (this may cause removal).
- Ensure the room is "aired" correctly during application, especially when spraying.
- Do not apply with 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 same.
Refer to the PSDS for further information.

TECHNICAL PROPERTIES

SPECIFIC WEIGHT		1,620 ± 50 g/l
VISCOSITY AT 20°C		38 ± 3s DIN Cup n° 6
APPEARANCE OF FILM		matt
COLOURS	0.032.9422	grey
	0.032.5413	red
DRYING AT 20 °C	DUST FREE	2 hrs
	TOUCH DRY	4 hrs
	THROUGH DRYING	24 hrs
FLASH POINT		+ 39°C

YIELD

A minimum dry film thickness of 70 microns is required for a good result, which can be achieved with:

- 2 brush/ 2 air-spray gun coats.

If applied correctly without spilling, said thickness implies a yield of approx. 8.5 m²/litre.

TENDER SPECIFICATION ITEM

SYNTHETIC RUST INHIBITOR WITH ZINC PHOSPHATE

Application on iron surfaces of one or more layers of a synthetic rust inhibitor with zinc phosphate based on alkyd resins & anticorrosive pigments with zinc phosphate, for interiors/exterior type ARDINOX 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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