



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

TECHNICAL SHEET 8

CODE 0.290.

## steelguard

Protective coating for zincked surfaces

### GENERAL PROPERTIES

STEELGUARD is a protective coating featuring an optimum resistance to weather extremes and industrial environments.

STEELGUARD is the perfect product for the protection and decoration of galvanised sheet iron (roofs, gutters, down-pipes etc.) as it offers long - lasting impermeability, elasticity & substrate adhesion.

Its thermoplastic property, however, results in a poor scratch resistance therefore STEELGUARD is not suitable for the decoration of galvanized sheet iron subject to abrasion, scrubbing or compression (blinds, metal furniture/structures which must be packed or stacked).

### INSTRUCTIONS

#### Substrate preparation:

- Bare zincked surfaces: degrease accurately with Diluente ARD 0.972.0042, ensure the surface is perfectly dry & apply STEELGUARD.
- Corroded zincked surfaces: sand any rusty areas, degrease the whole surface with Diluente ARD 0.972.0042 & treat with PRIMER UNIVERSALE ARD 0.006.1010. Allow 24 hrs & apply STEELGUARD.
- Unsound painted zincked surfaces: remove any existing paintwork using ARD STRIP 0.921. Use Diluente ARD 0.972.0042 to remove any residues & proceed, according to the conditions of the substrate, as indicated above.

#### Application:

Apply STEELGUARD as follows:

- Brush: stir well, dilute at 13-15% in volume with Diluente ARD 0.976.0040 & apply one layer of the desired thickness. If a second layer is required - allow 24-36 hrs – to avoid removal of the first.
- Spray gun: use a max of 15% in volume of Diluente ARD 0.976.0040 & apply with the appropriate apparatuses.
- Do not recoat STEELGUARD with other enamels to avoid flaking.
- Ensure premises are “aired” correctly during application.
- Wash equipment immediately after use with Diluente ARD 0.976.0040 or 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	1160 ÷ 1260 g/l	
VISCOSITY AT 20 °C	2000 ÷ 6000 cps	
GLOSS (GLOSSMETER GARDNER 60°C)	40 ± 5	
FLASH POINT	+ 25°C	
DRYING AT 20 °C	DUST FREE	2 hrs
	TOUCH DRYI	12 hrs
	THROUGH DRYING	36 hrs

## YIELD

To obtain a good result a dry film thickness of 40 microns in required. Said thickness (brush:1 layer/air-spray gun: 2 layers) if applied correctly without spilling implies a yield of 7,5-8 m<sup>2</sup>/l.

## TENDER SPECIFICATION ITEM

### PROTECTIVE COATING FOR ZINCKED SURFACES

Application on pretreated zincked surfaces of 2 layers of protective product for zincked surfaces based on light-fast outdoor resistant styrol-acrylic resins type STEELGUARD with a min consumption of 0,13 l/m<sup>2</sup>.

€/m<sup>2</sup>

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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