



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

TECHNICAL SHEET **15**

CODE 0.235

tema seta

Satiny odourless water-dilutable enamel

GENERAL PROPERTIES

TEMA SETA is a top quality water dilutable enamel formulated with acrylic polymers in aqueous dispersion & nontoxic lightfast colouring pigments. These components lend an outstanding outdoor resistance, excellent colourfastness, adherence & elasticity. TEMA SETA is extremely easy to apply; it produces a full film with an optimum coverage, perfect flow & an elegant silky finish.

TEMA is a universal enamel suitable as a top quality finish for iron, galvanized sheet iron, aluminium, light alloys, wood, plastic, asbestos cement & mural surfaces.

INSTRUCTIONS

Surface preparation:

- Bare ironwork: remove any flaking metal/rust using a wire brush & emery cloth. Clean thoroughly & apply either two hands of ARDINOX series 0.032 in the desired colour or two layers of TEMA ANTIRUGGINE (rust inhibitor) 0.037.9524. Allow 24 hours before applying two coats of TEMA SETA.
- Unsound painted ironwork: remove rust & unsound paintwork. Sand the whole surface, clean thoroughly & treat corrosion with one or two layers of ARDINOX or TEMA ANTIRUGGINE. Allow 24 hours before applying two hands of TEMA SETA.
- Bare galvanized iron sheets, aluminium or light alloy surfaces: degrease accurately with Diluente ARD 0.972.0042. Ensure the substrate is perfectly dry & apply a coat of TEMA ANTIRUGGINE. Allow at least 6 hrs & apply two coats of TEMA SETA.
- Bare outdoor wooden surfaces: repair any imperfections (knots, joints, nail-holes, etc.) with a synthetic stucco filling as many times as necessary. Allow 24 hours, sand repair areas, clean & apply two coats of TEMA PITTURA OPACA RIEMPITIVA DI FONDO 0.028.1010. Allow 5-6 hours, sand with fine sandpaper, clean & apply two coats of TEMA SETA.
- Painted wooden surfaces: degrease with ordinary detergents, rinse, stucco any imperfections & sand the whole surface with fine sandpaper. Clean thoroughly & apply two layers of TEMA SETA.
- PVC surfaces: clean accurately, degrease with Diluente ARD 0.972.0042 & apply two hands of TEMA SETA.

- Mural surfaces (plaster or concrete) & asbestos cement structures: ensure the substrate has at least 28 days seasoning, remove dust, filth & any unsound paintwork. Once the substrate is perfectly dry apply one or two coats of ISOLEX W or ARDFIX. Allow 4hrs hours & apply two hands of TEMA SETA. Chalky surfaces, must be treated with a layer of ISOLEX W (consolidating impregnating solvent) 0.081. or a coat of ARD FIX (water-based impregnating insulator) 0.070..

Application:

Apply TEMA SETA as follows:

- Brush: stir well & apply neat. If necessary, dilute at 5-8% in volume with water. Allow at least 5-6 hrs between layers (at an ambient temperature of 20°C).
- Roller: dilute at 1-3% in volume with water & apply evenly with a short bristled brush.
- Do not apply at ambient or substrate temperature below +5°C or above + 35°C. Avoid applying in direct sunlight.
- After application, outdoor surfaces must be protected from rain until perfectly dry, normally after approx. 48 hours at 20°C.
- Store the product in a cool place, above freezing.
- Wash equipment immediately after use with water.
- Use in compliance with current Health & Safety Regulations. Dispose of spent material/containers according to local regulations, do not empty excess material into water tables. Allow residues to dry out & treat them as special waste.
Refer to the MSDS for further information.
- TEMA SETA is one of the 16COLOURS tinting systems' products.

TECHNICAL PROPERTIES

SPECIFIC WEIGHT	1150 ÷ 1350 g/l	
VISCOSITY AT 20 °C	2500 ± 700 cP	
NATURE OF BINDER	Acrylic polymers	
GLOSS LEVEL (GARDNER GLOSSMETER AT 60°)	20 ÷ 25	
DRYING AT 20 °C	DUST FREE	30 mins
	TOUCH DRY	2 hrs
	THROUGH DRYING	24 hrs

YIELD

A minimum dry film thickness of 50 microns, achievable with 2 brush/roller coats, is required for a good result.
Said thickness, if applied correctly & without wastage implies a yield of 7,1 ÷ 7,6 m²/l.

**TENDER
SPECIFICATION ITEM****SILK-FINISH WATER-DILUTABLE ENAMEL**

Application on treated iron or wooden surfaces of two coats of silk-finish odourless water-dilutable enamel based on a blend of acrylic polymers in aqueous dispersion & lightfast, outdoor-resistant pigments type TEMA SETA with a minimum consumption of 0.140 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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