

CHARACTERISTICS

Anti-rust primer suitable for preventing corrosion of exposed ferrous metal substrates indoors and outdoors.

Characterised by excellent wetting of the substrate, excellent adhesion, hardness, flexibility, it withstands natural stresses due to dimensional variations of the substrate as climatic conditions change.

Easy to apply, with excellent filling, spreading and covering power, it offers solid anchorage to enamels and enhances their covering power.

Its composition guarantees excellent adhesion to metal and creates a barrier effect that ensures good water resistance and an excellent antioxidant effect. It is characterised by fast drying and good resistance to overcoating.

COMPOSITION

It is formulated based on modified alkyd resins in the solvent phase and selected anticorrosive pigments.

PROPERTIES OF DRIED FILM

	VALUE	METHOD
RESISTANCE TO RUST	EXCELLENT	
ADHESION (to iron)	EXCELLENT	Internal PF16
IMPACT RESISTANCE	GOOD	
WATERPROOF RESISTANCE	GOOD	
SOLID BY WEIGHT	82-86%	Internal PF25
DRYING TIME	Recoatable with itself 1h Recoatable with finish 12h Complete 5 days	Internal PF2

SPECIFICATION DATA

	VALUE	METHOD
SPECIFIC WEIGHT	1700-1800 g/l	Internal PF3
HIDING POWER	95-99 %	Internal PF11

SHELF LIFE

The product must be stored in its original can at temperatures between +5°C and +30°C away from ignition sources.

COLOUR RANGE

White.

SHELF-LIFE

The product must be stored in its original can at temperatures between +5°C and +30°C away from ignition sources.

TYPICAL USE

USE

It is ideal for the protection of iron products that are new or undergoing maintenance subjected to particularly corrosive agents such as structural works, fixtures, railings, tanks or agricultural equipment in rural, marine and industrial environments. The thickness recommended for effective protection is established on the basis of the aggressiveness of the environment and should always be applied on perfectly clean substrates. Recoatable with alkyd synthetic and quick drying enamels and, nevertheless, with drying times within 72 hours to guarantee good adhesion of the coats that follow. The actual temperature during application must be at least 3°C above the dew point and the relative humidity of the air must not be > 65%.

TOOLS

Spray, paintbrush.

THINNING

0-15% in volume with *Acquaragia VD100*

COVERAGE

11-13 m²/l per coat (35 µm dry)

APPLY

+5°C+30°C

APPLICATION SYSTEM

Protection of iron products such as railings, general structural works, agricultural equipment in rural and urban environments

1. Prepare the surface so that it is clean and free from grease with *Nitro NV 5000*;
2. Apply one coat of *Rust Remover* in two passes at 1h intervals, for a total thickness of 70 µm dry metres;
3. After 12 hours, apply *Remdur* in two layers at 24-hour intervals.

Remdur can be replaced by *Unifercap*, *Gladium*, *Supersinteol Rapido Industriale*.

Maintenance of a rusty product

- A. Remove any flaky paint and rust using a scraper, brush or abrasive paper;
- B. Apply a layer of *Antiruggine* to the concerned area;
- C. After 12h sand the entire surface using 180-220 abrasive paper and proceed as per point 3.

For suitable protection in light marine and industrial atmospheres, apply a coat of *Antiruggine* to get a 100 µm dry thickness + a coat of 70 µm dry thickness enamel paint.

For an adequate protection in heavy industrial atmospheres, apply a coat of *Antiruggine* to get a 130 µm dry thickness + a coat of 70 µm dry thickness enamel paint.

SPECIFICATION ITEM

Fast drying one-component alkyd primer for metal substrates with selected anticorrosive pigments, used with an average consumption of 160 ml / m² to be over-applied with alkyd enamels.

INSTRUCTIONS

To carry out the work in a proper way, the instructions on how to prepare the surfaces as outlined in the CAP Arreghini Books, in the application cycle and in the technical data sheet must be strictly followed.

This technical information is intended as a rough guide. We recommend adapting it to the specific conditions of use. The specification data and technical information have been calculated at a temperature of +23°C with a relative ambient humidity of 65% In different conditions the data and the time intervals between the two phases of the above reported coating system can vary.

Our recommendations on the use of the product are based on our observations and accurate research. The experiences acquired in the practical application have also been taken into account; ; however, due to the enormous variety of media and application conditions, it is essential to check the suitability of the product and test the effectiveness on a sample.