PRODUCT DATA SHEET

CHROMOCAP

Anti-corrosion primer with zinc phosphates

DESCRIPTION

Primer with anti-rust effect 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 the dimensional variation 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.
It is formulated on the basis of modified alkyd resins, in solvent phase, and ionic exchange pigments that exert particular adhesion on metal and a barrier effect so as to ensure good water impermeability and antioxidant effect.
It is characterised by fast drying and resistance to overcoating with fast-drying enamels and alkyd enamels.

PROPERTY OF THE PRODUCT

		Method
Waterproof resistance	Excellent	
Resistance to rust	Excellent	interior PF16
Impact resistance	Good	
Adhesion	Good	
Dry residual in weight	68-72%	interior PF25
Drying time	Dry to recoat wet/wet 50'	
	Recoatable 12h	interior PF2
	Fully 5 days	

SPECIFICATION DATA

		Method
Specific weight	1350-1600 g/l	interior PF3
Contrast	95-99%	interior PF11

COLOUR RANGE

White, Ral 3009, Ral 6011, Ral 7001. The color may be slightly different from one batch to another; it is therefore necessary to finish the job with the same batch.

TYPICAL USE

It is ideal for the protection of new iron artefacts or structures undergoing maintenance and that are subject to the action of highly corrosive agents, such as steelworks, fixtures, railings, barges, tanks, agricultural equipment in rural, marine and industrial areas. The recommended thickness for a good protection is established on the basis of the aggressiveness of the environment and should always be applied on a perfectly clean surface. Overcoat within 72 hours to ensure a good adhesion of subsequent layers. Recoatable with quick-drying enamels such as *Supersinteol Rapido* and with synthetic enamels such as *Remdur, Gladium, Unifercap, Sintech*.

The actual temperature during application must be at least 3° C above the dew point and the relative humidity of the air should not exceed 65%.

TOOLS

Roller, Brush, Spray.

THINNING

Roller, Brush: 5% by volume with Diluente S800
Airless Spray: 5% by volume with Nitro NV 5000

COVERAGE

13-15 m^2/l per coat.

APPLY COATING

+5°C +30°C

Protection of iron structures such as railings, steelworks, farming

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SYSTEM

equipment, in rural and urban areas

1. Prepare the surface, clean and degrease with thinning *Nitro NV500*
2. Apply a layer of *Chromocap* to obtain a thickness of 70 *µm* when dry by applying two layers at 50-minute intervals.
3. After 12h apply *Super Sinteol Rapido* to obtain a thickness of 70 *µm* when dry.

Remdur, Unifercap, Unifer, Sintech, Gladium by applying two layers of 35 *µm* when dry at 24h intervals.

Maintenance of an old rusty artefact

Remove with scrapers, brushes or abrasive paper any flaking paint or rust;

A. Apply a coat of *Chromocap* in the areas of interest;
B. After 12 hours, with 180-220 grit sandpaper, sandblast the entire surface and proceed as in point 3

For the adequate protection in marine and light industrial areas, apply 100 *µm* when dry of antirust + 70 µm when dry of enamel.
For the adequate protection in heavy industrial areas, apply 130 µm *when dry of antirust + 70 µm when dry of enamel.*

SPECIFICATION ITEM

Single component solvent borne alkyd-base which has a rapid-drying time on metallic surfaces with passivizing ion exchange. It has an average consumption of 70 ml/m^2 and is to be over coated with solvent-based alkyd enamels.

INSTRUCTIONS

To carry out the work in a proper way, it is needed to strictly follow the instructions for the preparation of the surfaces contained in the CAP Arreghini Books. This technical information is intended as a rough guide. However, because of 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. The specification data and technical information have been calculated at +23°C with 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.

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