

Product Type **Painting for unsaponifiable elastomeric chlorinated pools**

Cloroplast is a paint based on modified unsaponifiable chlorinated resins and light stable pigmentation, it has excellent chlorine-additive chemical resistance, high impermeability, excellent weather resistance, excellent coverage, easy application, excellent adhesion, easy and economical maintenance over time, quick drying even at low temperatures and excellent aesthetic effect.

Fields of use For concrete surfaces, prefabricated cement, osmotic cements of swimming pools, tanks containing non-potable fresh water, rainwater and irrigation water

Technical features

Appearance	Opaque
Color in can	Blue, White
Density Kg/Lt	1,350 ± 0,05
Supply viscosity 25°C	120 – 180 acc. Coppa Ford 4
Volumetric dry residue	48 ± 2%
Theoretical yield	150 - 200 gr/m ² by hand
Typical wet / dry micron thickness	220 / 100 micron
Dilution	Synthetic Diluent or Chlorinated Thinner
Application method	Brush
	Roller
	Conventional spray
	Airless spray
Drying 25°C	
Commissioning	
Minimum / Maximum overlap	
Storage stability	
Standard packages	

Dilution 5 – 10 %
Dilution 5 – 10 %
Dilution 10 – 20
Nozzle diameter 1,3 – 1,5 mm
Pressure 3,5 – 4 Pa (atm)
Dilution 7 – 10% viscosity 80" coppa Ford 4
Nozzle diameter 0,2 – 0,3 mm
Compression ratio 30:1
Nozzle pressure 130 – 150 Kg/mq atm

Out of touch 1 hour
Dry to touch 3 hours
Dry in depth 18 to 24 hours

7 to 10 days after the last application
12 hours / no limitation
24 months
Kg 5 – Kg 20

Note

In cold seasons the viscosity of the enamel also increases considerably, so it is a good practice to heat the enamel on 20-25 ° C before application, in order to avoid excessive dilution.

Application rules

Surface preparation

Carefully check the surfaces to be covered;
Thoroughly clean and brush the surfaces, make sure they are solid, clean and dry; in case of new construction, respect the seasoning times of the support.
Remove any loose, friable or non-sticking parts, dust, oils and contaminates, substrates that have irregularities, plasters and jets that are too rough, holes, cracks, etc. These must be repaired and / or shaved with specific products.
In case of maintenance remove the limestone formed on the walls and bottom with acid or mechanically wash before repainting.

Surfaces in cement or concrete

Apply a coat of unsaponifiable Murofix fixative, alternatively in case of particularly difficult surfaces and with humidity between 4 and 6%, apply Idrosem WP anchoring primer. After 6 - 8 hours, apply a first coat of Cloroplast, then after 8 - 12 hours, apply the second coat.

The classic blue color from laboratory colorimetric tests creates a tropical crystalline effect.

Application notes

Apply with a minimum temperature of not less than + 5 ° C and with a temperature not higher than +50 ° C with relative air humidity not higher than 85%.

Avoid application on surfaces exposed to direct sunlight or if there is strong wind or threat of rain.

Avoid application on surfaces with saline efflorescence or subject to osmotic ascending humidity. The product can not guarantee good adhesion of the coating.

It is recommended to allow (time of complete curing) to elapse at least 7 - 10 days after application of the last coat of Cloroplast, before starting the swimming pool, a shorter time of putting it into operation may cause boiling and detachment of the coating.


Apply the product on intact surfaces, in case of major injuries the seal is not guaranteed.

Recommended for	Continuous immersion in sea water, sweet and chlorine-additive
Not recommended for	Containment of drinking water
Recommended funds	Murofix, Idrosem Wp

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