

Product's description

Elastomeric, unsaponifiable paint for swimming pools.

Cloroplast is characterized by an excellent and high permanent elasticity, strong waterproof power and chemical resistance to chlorine-additivated water. It is composed by unsaponifiable polymer, physically drying resins in a solvent mixture, with dyeing and filling pigments. Stable to constant immersion, with braking effect. These features provide the product with easy applicability, excellent adhesive power, easy maintenance, drying action even at low temperatures and excellent coloured uniform aspect.

Practical advice

Suitable for concrete, prefabricated cement, swimming pools' osmotic cement, tanks containing non drinking fresh water, sea, rain and irrigation water.

Technical features

Aspect		Matt smooth
Color		Sky-blue, white, ivory
Density Kg/Lt.		1,35 ± 0,05
Viscosity 25°C		2000 – 200 mpa s
Solid content by volume %		45 ± 2%
Theoretical spreading rate– g/m2		380-410 g/Sq.m. for two coats
Typical thickness humid/dry micron		100 dry – 225 humid
Mixing ratio Base/Hardener		Single-component product
Pot Life		Not applicable
Thinner		DSN 300 thinner or mineral turpentine
Painting method	Brush	10% thinning 1° coat, 2° coat 0 – 5%
	Roller	1° and 2° coat thinning 5%
	Spray	Not suitable
	Airless Spray	7% thinning by weight
		Nozzle's diameter 0,400 – 0,600 mm
		Compression Ratio 30:1
		Exit pressure 140 – 180 pa (atm.)
Drying times 25°C	Untouched :	1 hour
	Dry to the touch :	3 hours
	Absolutely dry :	24 hours
Putting into service		After 10/15 days from last application
Min./ Max. over-application times		24 hours / no limitation.
Flash point		28 °C
Heat resistance		Max 50 °C
Shelf life		24 months
Standard package		Kg 20 – 5

Notes

Keep in a cool and dry place, far from fire and flammable materials.

Application instructions

Preparation of new surfaces:

Check that the surface is dry and has seasoned for at least 28 days. Clean well, remove any trace of dust. Apply one coat of unsaponifiable fixative Murofix (solvent solution). It is highly recommended to apply the product evenly, without drippings nor product excesses, to avoid **Cloroplast** bad adhesion. In case of surfaces with humidity above 5% but below 10%, we recommend as anchoring primer Idrosem wp, hydro-dilutable. Putty any imperfections (cracks and holes) with epoxy putty Epostucc Floor, sandpaper and apply two and three coats of **Cloroplast**, in the sky-blue or ivory colour, being the result of lab colour tests to obtain from the water in the pool a tropical crystal effect.

Application notes: do not apply with a substrate temperature below +5 °C, above +35 °C and in the direct sunlight. Allow at least 10 –15 days drying, before putting the swimming pool into service. A shorter drying time can cause bubblings and coating's chalkings. Application over surfaces with salt efflorescence or subject to osmotic rising damp does not guarantee the adhesive power of the product. The lime on the walls and bottom can be removed by acid washing or mechanically, before coating applying or remaking.

It is recommended for

Constant immersion in sea, fresh and chlorine-additivated water.

It is not recommended for

Containers for drinking water.

Recommended primers and intermediates

Murofix, Idrosem wp.

Safety precautions

The product is inflammable. Respect the safety norms in force for transport, storage and application. Do not waste the empty tins in the environment, let them dry and dispose them of as special waste; during application (especially spray application), it is necessary to air properly the working area.

Tender Item

Application of **Cloroplast**, chlorine-caoutchouc polymers based paint in solvent solution and weather proof pigmentation with braking effect, to be applied in two coats over concrete swimming pools' walls and bottom, with a consumption of 0,300 kg/Sq.m., excluded practical operating loss.

(*) These information, even if reliable, are absolutely approximate. The company owns the right to change them without any notice. Moreover, it is not responsible for the use of the present information. The user must previously test the product's suitability, before using it. For any further explanations or requirements on the products, please contact the staff of our technical lab.