1110 SMALTO PER PISCINE

CHLORINATED RUBBER ENAMEL

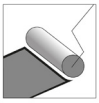



Interior/Exterior


Brush



See warnings


Roller

Advantages

→ One-component
→ Applicable on various supports
→ High resistance to acids and alkalis

Description and Use

Chlorinated rubber-based enamel particularly suitable for resist acids, alkalis and weathering.
It can be applied on cement, mortar, bricks, iron, and old firm coatings.
Due the binder nature the applied film, if exposed to weathering, will chalk, losing the original gloss. Nevertheless it will preserve the resistance features unchanged in the time.
Suitable for coating swimming pools and cement floorings, chemical plants and all environments subject to the action of corrosive products.

Substrate preparation

ON IRON:

- Sand-blasting or however careful mechanical cleaning. Apply FONDO EPOX code 1806 followed by one or two coats of SMALTO PER PISCINE, waiting for 8-12 hours between them.

ON CEMENT:

- The substrate must be cured, not chalking and clean (without grease, oil or other polluting agents). Carry out a sand-blasting with water, or a scraping and chemical pickling, in order to remove any efflorescence and old non-adherent paints. Soak the cement with SMALTO PER PISCINE diluted 1:1 with DILUENTE PER CLOROGOMMA code 1609, then continue applying one or two coats of enamel diluted as described below.

Application

Application method:

- roller
- brush

Product preparation:

- Mix the product well, until completely homogenized, before use.
- Dilute with 1609 DILUENTE PER CLOROGOMMA at 15-20%.

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Storage life

If stored in a cool, dry place, away from sources of heat and sheltered from direct sunlight, in its sealed original packaging, the product has a shelf life of 12 months. Check the product's shelf life by referring to the production batch number shown on the packaging. The batch number is made of eight numeric characters in which the first four digits identify the year and month of production. Once the stated shelf life has expired, it must be disposed of in accordance with current legislation.

Technical features

Colour	WHITE, CREAM RAL 9001, GREEN RAL 6027, SKY BLUE
Binder	chlorinated rubber
Appearance of the dry film	gloss - 70 gloss (Gardner 60°)
Total non-volatile by weight	66% (± 0.5)
Specific weight	1.42 kg/l (± 0.03)
Viscosity	2000-3000 mPa.s Brookfield rpm 20 s 4
Recommended thicknesses	180-200 µm wet film (~ 100 µm dry film)
Practical cover rate *	3-4 m²/l (2 layers)
Air drying (20°C - 65% RH)	15-20 minutes, dust free
	4 hours, touch dry
	24 hours, through drying
* The cover rate is calculated on the suggested thickness and applied on plane and regular surfaces.	
The data are detected at a temperature of 20°C on white product.	

Resistance to cold liquids after 24 hours of contact
Tests carried out in compliance with EN 12720:2013

TEST LIQUIDS	DESCRIPTION	EVALUATION OF RESULTS	
		Degree	Description
Formic acid	10% w/w aqueous solution	5	No changes
Acetic acid	30% w/w aqueous solution	5	No changes
Sulphuric acid	30% w/w aqueous solution	5	No changes
Hydrochloric acid	30% w/w aqueous solution	5	No changes
Sodium hydroxide	50% w/w aqueous solution	5	No changes
Ammonia	15% w/w aqueous solution	5	No changes

Resistance to cold liquids after 48 days of contact
Tests carried out in compliance with EN 12720:2013

TEST LIQUIDS	DESCRIPTION	EVALUATION OF RESULTS	
		Degree	Description
Formic acid	10% w/w aqueous solution	5	No changes
Acetic acid	30% w/w aqueous solution	5	No changes
Sulphuric acid	30% w/w aqueous solution	4	Slight change
Hydrochloric acid	30% w/w aqueous solution	2	Significant change
Sodium hydroxide	50% w/w aqueous solution	5	No changes
Ammonia	15% w/w aqueous solution	5	No changes

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Warnings

- **The product contains synthetic polymer microparticles (SPM).**
- **INSTRUCTIONS TO PREVENT THE RELEASE OF SYNTHETIC POLYMER MICROPARTICLES INTO THE ENVIRONMENT**
- **In accordance with Regulation (EU) 2023/2055, please follow the procedures below to prevent environmental release.**
- During use and application, avoid accidental release of the product onto soil, into drains, or household wastewater. Apply the product only to the surfaces to be treated.
- Any remaining product should be stored by tightly sealing the original container. Dispose of the product/container in accordance with national regulations.
- If you wish to reuse the tools used for application, follow these steps to clean them in an environmentally responsible manner.
- The water, solvents or thinners used for cleaning tools, as well as any product residues, MUST NOT be released into the environment or poured down domestic drains.
- Remove as much product as possible from the tools used.
- Soak the tools in hot water or in solvent for at least a couple of hours, then remove them from the container.
- Allow the water in the bucket to evaporate and let the tools dry. For solvent-based products, close the container. Do not release the product into the environment and do not pour it into drains.
- Deliver the container with any remaining product / wash water / solvent / cleaning thinner to an authorised waste collection centre, in accordance with national regulations.
- For professional use only.
- Always read the safety datasheet before use.
- If you use the colored product, or one reproduced with a colorimeter, it is recommended to use the same batch number, as due to the nature of the product there may be color deviations between different batches.
- The information provided on this technical datasheet is based on our technical and practical knowledge and experience. The technical data refer to the average characteristics of the basic product and are determined under controlled laboratory conditions. The variability of the raw materials available on the market can lead to slight deviations in the declared values. It is therefore necessary for the purchaser/user to personally verify, before application, the suitability of the product for the intended use, in particular when different batch numbers of the same material are used in the same work/site.

Exterior applications need to be protected from rain for at least 48 hours, and in any case until complete drying.

The above mentioned data are meant to facilitate our customers in the use of our products. IMPA is not responsible for applications of products carried out beyond its direct control. For further technical information about specific systems and/or special applications, please contact our TECHNICAL SERVICE at assistenza.tecnica@impa.it.

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