

POOLDAM

Series 0029

Chlorinated rubber enamel specific for the protection of swimming pools



General information

System: One pack - 1K

Nature: Solvent-based

Packages: 4 l - 20 kg/L

Colors ready in stock: Light Blue Pantone 299C, White Ral 9016

Suitable Substrates: Cement

Technical features

1K enamel specific for swimming pools; the product is based on chlorinated rubber polymers, is fast drying and has excellent resistance to water. The product is resistant to common sanitizers used for the swimming pool maintenance.

Application field

Specific enamel based on special chlorinated rubber polymers suitable for painting swimming pools in cementitious material and in fiberglass. For roller applications, the product can only be diluted with synthetic thinner. The product can be applied directly on cementitious substrates without the use of a specific adhesion promoting primer. In case of fiberglass, the specific epoxy primer must be used to ensure perfect adhesion.

SUBSTRATE PREPARATION

- The substrate must be clean, dry and degreased. The concrete substrate must be perfectly cured (over 4 months) and washed with water.
- New concrete swimming pool: to carry out the work in a workmanlike manner, it is necessary to check the absorption of the substrate by pouring water onto the substrate to ensure sufficient porosity to the cement surface before being covered. If the water is rapidly absorbed, the substrate is in optimal condition to receive the coating. Otherwise, it is not porous enough and you will have to proceed with a chemical treatment, as indicated below: wash the floor with a mixture of 1 part of commercial muriatic acid and 9 parts of water. Once the acid reaction is over, rinse with water. When the floor is completely dry, proceed with the painting.
- Swimming pool already painted: the old paints must be removed and any non-compliant coat, oils, greases, coats abraded by rubber and friable material must be removed mechanically.
- Fiberglass pool: according to the tests carried out, the product is not suitable for direct application on fiberglass; before painting on this type of material it is therefore necessary to proceed as follows: carefully sand the substrate; subsequently clean it from dust; apply a coat of Epofer Phosfozinc Serie 1002; after 24 hours and no later than 48 hours from the application of the primer, proceed with painting with enamel Pooldam Series 0029.

APPLICATION

Application conditions

The application of the product can be influenced by environmental conditions (including humidity and temperature), by the conformation of the product to be treated and by the thicknesses to be applied. It is necessary to pay particular attention to the type of application system as the different layouts and the different structural conditions of the application systems can affect the final result in a variable manner depending on the case and intervene on fundamental technical parameters such as: the transfer efficiency of the coating product, the overspray, the aesthetic appearance obtained, the sagging stability of the product and the ease or complexity of application. In this regard, it is advisable to contact the technical assistance department, when requested, to carry out the necessary surveys and consultancy in the event that applications on complex structures are to be carried out.

EQUIPMENT	VISCOSITY	NOOZLE	PRESSURE	NOTES
ROLLER AND BRUSH	-	-	-	Dilution 30-40% with Synthetic Thinner Series D0005

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TECHNICAL DATA

Theoretical average spreading rate	3,9 m ² /kg each coat at the dry film thickness of 80 µ	Application	Roller, Brush	Dilution	30-40% with Synthetic Thinner Series D0005
Gloss	80 - 85 gloss	Wet film thickness each coat	217 µ	Dry film thickness each coat	80 µ
N° of coats	1 or 2 coats till reaching the total, suitable thickness	Total dry film thickness	100 µ	Theoretical average consumption	260 g/m ²

DRYING

Overcoating interval	24 hours	Air drying	20°C - 25°C	Dust-free drying	10 - 20 minutes
Dry to touch	1 - 2 hours	Dry through	24 - 36 hours	Full cure	10 days
Flash off	-	Stoving Drying	-	Resistance to temperature	-

WARNINGS AND RECOMMENDATIONS

- Do not apply in the presence of direct sunlight and high substrate temperature.
- Before putting the applied product in contact with the pool filling water, allow at least 10 days for correct crosslinking.
- Products painted with enamel Pooldam Series 0029 are not suitable for contact with solvents.

SUPPLY TECHNICAL DATA

Composition	Modified chlorinated rubber	% solid content by weight	53 ± 2%	Voc	548 ± 2 g/l
Reference color	Light Blue Pantone 299C	% solid content by volume	37 ± 2%	Vos	47 ± 2%

TEST METHOD	SPECIFIC GRAVITY		GLOSS
	ISCOL 1	ISCOL 2	ISCOL 6
DATA	1800 - 2200 mPa.s (20°C) Rod 3 Speed 20	1.15 - 1.25 g/ml	80 - 85 gloss 60°

NOTES

Cleaning tools:

At the end of the application, carefully clean the tools (spray guns, painting systems/plants, containers) with a specific thinner suitable for the product. Store all equipment once the drying period is complete.

Sanitary labelling:

Handle the products with care and always consult the material safety data sheets in order to comply with current safety and environmental regulations.

Additional notes:

- The information reported in this technical data sheet is obtained through the exclusive use of Damiani products (paints, hardeners, thinners) applied according to the indicated specifications. The use of products from other companies in mixed coating systems with Damiani products can compromise the performance of the applied coating system. By virtue of this, the company does not guarantee the final result.
- The spreading rates are theoretical, indicative and intended per coat as they can be influenced by the color and the application system. Practical application test is suggested.
- The times related to pot life and drying intervals refer to a standard temperature of 20°C, except when it is expressly indicated.

All the data of the document have been verified and can be considered reliable. The responsibility for the use of the product to be applied remains with the user in compliance with what is indicated in the technical data sheet. Any use of the product that differs from what is indicated in the technical data sheet concerning the parameters of preparation of the product, of the substrate, of drying and applications or that is outside the provisions of the recommended coating systems and of the preparations of suitable surfaces, must be considered attributable to the user and therefore exempts the manufacturer from any and all liability and/or guarantee. The user must in any case check and verify the suitability of the selected products according to the specific, intended use. For any information regarding the coating system, the application conditions and the technical features of the products, it is advisable to contact the technical assistance service of the Damiani laboratory. It should be noted that the packaging image could have a placeholder purpose and could therefore constitute an indicative reference. The packages indicated may vary according to the additions or changes of the annual price lists. This document replaces all previous versions. In any case, to better understand the parameters of the technical data sheet, it is advisable to refer to the annexes of the explanatory notes. The updated version of the following technical data sheet available in the specific section on the website www.color-damiani.com is to be considered the only one binding.

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