

MATCH POINT

Series 0294

Water-based paint for sports fields, cycle and pedestrian paths made of cementitious material



General information

Nature: Water-based

Packages: 18 kg

Tinting Service: Can be colored with water-based colorants Aquaplus Series 0400

Color fans and color cards: Ral 841 GL

Technical features

Paint based on modified acrylic binders and high quality, outdoor resistant, selected extenders. The product is easy to apply and has excellent opacity and good elasticity. It can be applied directly on new and compact substrates, without the application of primer or fixative paint.

Application field

The product is particularly suitable for painting outdoors concrete sports fields such as tennis courts, five-a-side football, basketball, volleyball, as well as bleachers, recreational spaces and cycle and pedestrian paths in concrete and asphalt.

Classified in compliance with the Directive 2004/42/EC - Legislative Decree 161/06: Cat. I-BA) one-pack performance coatings. VALORE LIMITE UE 140 g/l (2010) - CONTENT 21 g/l

SUBSTRATE PREPARATION

To be colored, the substrate must be healthy, dry, clean, cohesive and seasoned, free from moisture stains, traces of grease and dirt. It is advisable to check for any chalking of the plaster or pre-existing paints by manual or mechanical rubbing and to verify the hypothetical presence of residual moisture in the substrate by using a hygrometer.

The curing time of the support

The curing time of the substrate varies according to the type of material used for its preparation. This interval is necessary for the supports to reach an adequate degree of carbonation. The curing of interior substrates (including lime-based plasters, cementitious, premixed, civil and smoothing compounds for restoration) is approximately 30 days, while external substrates (concrete, fiber cement and prestressed panels) require a minimum curing of 90 days.

The influence of the substrate on the color

The pre-treatment, the pH and the equalization of the support to be painted, especially in the presence of discontinuities, new patches and/or grouting, can negatively affect the coating system and alter the color shortly after application. Unsightly white or chromatic stains may occur due to the reaction of the pigment part with the alkalinity of the support. The presence of discontinuous, non-homogeneous supports can generate phenomena of different color perception due to the different texture of the painted surface.

New concrete and cement support

Brush carefully to remove dust, dirt or fragments of cementitious material that are not perfectly adherent and then apply one or more coat of Match Point Series 0294.

Already painted concrete and cement support

If the adhesion of the existing paint is good and not chalking, apply one or more coats of Match Point Series 0294. Already painted supports showing traces of dust or dirt must be washed and brushed; if the existing paint is not perfectly adherent or is chalking, brush to remove the peeling parts and then apply one or more coats of Match Point Series 0294. Carry out an appropriate application test to verify the proper adhesion of the product to the substrate to be treated. The adhesion is not satisfactory, it is necessary to apply a coat of fixative Imprimate Series 1358 for outdoors before applying one or more coats of Match Point Series 0294.

New or already painted asphalt support

Apply one or more coats of Match Point Series 0294. Verify with a proper application test that the asphalt substrate does not release tar, which could alter the color applied, with the formation of unsightly yellowish stains.

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ENVIRONMENTAL CONDITIONS

Environment temperature 5°C - 35°C

Substrate temperature 5°C - 35°C

Relative humidity 60 %

Shelf life

1 year in original sealed containers, intact and protected from frost and excessive heat at a temperature not lower than +5°C and not higher than +30°C.

TECHNICAL DATA

Theoretical average spreading rate

5,2 m²/kg each coat at the dry film thickness of 60 µ

Application

Roller, Brush, Spray

Dilution

5-15% with water for application on concrete; ready to be used for application on asphalt

Gloss

-

Wet film thickness each coat

162 µ

Dry film thickness each coat

60 µ

N° of coats

1 or 2 coats till reaching the total, suitable thickness

Total dry film thickness

80 µ

Theoretical average consumption

222 g/m²

DRYING

Overcoating interval

4 - 5 hours

Air drying

20°C - 25°C

Dust-free drying

-

Dry to touch

1 - 2 hours

Dry through

24 hours

Full cure

4 days

Flash off

-

Stoving drying

-

Resistance to temperature

-

WARNINGS AND RECOMMENDATIONS

- Mix the product thoroughly before use.
- Apply the product at an external temperature not lower than +5°C and higher than +35°C.
- For dilution, use mains water to avoid mold formation problems.
- Do not apply in the presence of direct sun, strong wind, rain or with risk of frost in the 24 hours following application.
- Protect the surface from driving rain for 24-48 hours after the application to avoid the resolubilization of the product.
- The application of the product carried out in unsuitable atmospheric conditions negatively affects the drying times, compromising the optimal achievement of the aesthetic features and performance.
- In the presence of large construction sites, please note that the supply order must be unique, limiting any subsequent requests for additional cans, which could create color inconsistencies with the main batch.
- After having dispensed the colorants in the binder, it is recommended to proceed quickly with mixing in order to avoid problems of color homogeneity.
- In accordance with the law and in order to satisfy all local and national directives, it is mandatory to send the customer the MSDS of the product and apply on the packaging the legal label to be printed using the Formulab tinting software.

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SUPPLY TECHNICAL DATA

Composition	Acrylic dispersion	% solid content by weight	54 ± 2%	Voc	21 ± 2 g/l
Reference color	White	% solid content by volume	37 ± 2%	Vos	1.5 ± 2%

SPECIFIC WEIGHT

VISCOSITY

TEST METHOD	ISCOL 2	ISCOL 1
DATA	1.2 - 1.4 g/ml	4000 - 8000 mPa.s (20°C) Rod 4 Speed 20

TINTING SERVICE

BASE	BASE PACKAGING	COLORED PACKAGING	% MIXING RATIO
BINDER	13.5 kg	18 kg	75 - 25

NOTES

Cleaning tools:

At the end of the work, be sure to thoroughly clean the tools (spray guns, painting systems, containers) with tap water. As the product is water-based and fast drying, if washing with water is not sufficiently effective, proceed with a final washing using a limited quantity of suitable solvent in order to remove the product from the equipment used.

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 spreading rates indicated are to be considered theoretical as they do not take into account the application systems and color.
- 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 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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