

COLORFLEX

High resistant coating for boundary lines in the playing area

One liquid component coating formulated with water based acrylic resins wear-resistant, weather resistant and UV rays. The product is studied for boundary lines in playing area of sport flooring system. Easy to apply, and suitable for internal and external.

BENEFITS

- Walkable
- High resistance to the cycles of freezing and thawing, UV rays, and salty air and salts in general;
- Easy and quick to apply;
- Good elasticity.

APPLICATION FIELDS

The product is studied for boundary lines in the playing area for Diasen sport flooring. Suitable for internal and external.

YIELD

0.05 kg/m²

COLOR

White, grey, red and green.

PACKAGING

Plastic bucket of 5 kg.

Pallet: 20 box – 4 bucket each (400 kg).

Plastic bucket of 20 kg.

Pallet: 48 bucket (960 kg).

STORAGE

Store the product in well ventilated areas, away from sunlight, water and ice, at temperatures between +5°C and +35°C / 41°F and 95°F.

Storage time: 12 months.

PREPARATION OF SUPPORT

The support must be completely harden, dry and with sufficient resistance. The surface must be clean, well consolidate, without friable and inconsistent parts, perfectly level and without standing water.

Sport flooring system

Wait for the complete drying of the last layer of applied product and then proceed with the drafting of the *Colorflex*.

For the surface not included in the data sheet contact the technical department Diasen.



Diasen srl

Zona Industriale Berbentina, 5 Sassoferrato ANCONA
14

UNI EN 1504-2

Products and systems for the protection and restoration
of concrete structures –

Part 2 : Systems to protect concrete surfaces.

Water vapour permeability:

μ = 1100



For application video,
product page, safety data
sheet and other information

Coatings - Acrylic

Whereas all indications and recommendations supplied herein are stated to the best of our experience and knowledge, they should nevertheless be considered as indicative only and should be confirmed by exhaustive practical applications. Products can be tested in a closed environment (lab) but job specific features of a project can effect the performance of these products from project to project.

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Technical Data

Features		Unità di misura
Yield	0,05	kg/m ²
Aspect	liquid	-
Colour	White, grey, red, green	-
Dilution	Max 5% of water	-
Waiting time between 1 st and 2 nd coat (T=20°C / 68°F; R.H. 40%)	4	hour
Application temperature	+5 /+35	°C
Maximum humidity	70%	-
Drying time (T=20°C / 68°F; R.H. 40%)	4	hour
Storage	24 months in original container and in dry places	months
Packaging	Plastic bucket of 5 Plastic bucket of 20	kg

Final performances		Units	Regulations	Results
Weathering Test	2000 hours (> 10 years*)	hours / years	UNI EN ISO 11507	-
Viscosity (viscometer Brookfield DV-E s06, 30 RPM, E= 20°C, 75% UR)	7000 ± 1000	mPa·s	-	-
Water vapour permeability	μ = 1100	-	UNI EN ISO 7783	-

* 1680 hours of weathering test is equal to about 10 years. This equivalence is merely indicative and it may vary depending on weather conditions.
The above data, even if carried out according to regulated tests are indicative and they may be change when specific site conditions vary.

MIXING

Colorflex is one-component, ready to use. Before to apply, mix the product with low speed to not incorporate air until the mixture is smooth, lump-free. In climatic condition extremely warm it is possible add 5% of clean water. Never add extraneous to the product.

APPLICATION

1. Once dry the previous product applied, according the bounding line it is necessary to use an adhesive tape, so a sto define with precision the contour of the line to achieve.
2. Apply *Colorflex* by brush or roll. The lines generally have a width of 10 cm.

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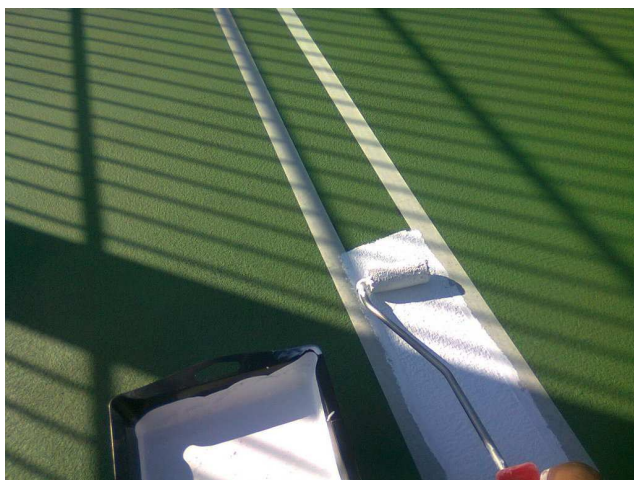
DRYING TIME

At 20°C / 68°F and with relative humidity level of 40%, the product dries completely in about 4 hours.

- Drying time is influenced by relative humidity level and by temperature and may change significantly.
- If the product is applied with higher yield, the time drying could significantly increase.

SUGGESTIONS

- Do not apply at room and substrate temperatures lower than +5°C/41°F or higher than +35°C/95°F.
- During summer season apply in the cooler hours of the day.



- Do not apply with imminent threat of rainwater or ice, in conditions of strong fog or relative humidity above 70%.
- During the winter the surface must be perfectly dry. Humidity can cause bubbles and detachments.
- Verify the presence of appropriate gradients to allow the water to flow

CLEANING

Wash tools with water as soon after use.

SAFETY

For the handling, use protective equipment and see product safety data sheet.



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