



**Colorificio
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c.o.e SM00026
Fully paid-up share capital
€ 3.000.000,00
Legal title
no. 26 dated 20 May 1944

COMPANY WITH
QUALITY SYSTEM
CERTIFIED BY DNV
ISO 9001

2570

TITAN ARENA for concrete sports pitches



Coating with an acrylic-resin base in aqueous dispersion and selected fillers for creating sports surfaces on concrete flooring. Particularly suitable for tennis, basketball, volleyball and 5-a-side football pitches and indoor and outdoor playgrounds.



Date of revision	05/04/2023
Composition	A single-component, physically drying matt acrylic water-dispersion finishing coat. Classification as per UNI 8681: B4.C.0.A.2.FA.
Main properties	<ul style="list-style-type: none">• high resistance• excellent elasticity• waterproof
Applications	A product for coating and colouring sports surfaces and playgrounds. Suitable for application on new surfaces or on old coated flooring.
Colour	Bianco base, Colormaker bases. It can be coloured with the Colormaker tinting system; the number of available bases is indicated in the catalogue and in the Colormaker Lab software.

Technical specifications	Reference	UoM	Value
(data measured at 20°C, with 65% R.H.)			
Specific weight (pycnometer)	C022		1.450 ± 0.050
pH	C030		8.5 ± 0.5
Brookfield viscosity @ 200 rpm	C054		3,500 ± 500
Dust-free drying		min	20
Tack-free drying		min	40-60
Dry-hard drying		hours	24

Method of use

. Surface and application conditions	Ambient temperature min +5°C / max +35°C; R.H. < 80%. Surface temperature min +5°C / max +35°C; R.H. < 10%.
. Application method	Brush, roller, airless, stainless steel trowel.
. Thinner	Water.
. Dilution	Roller 5-15%, brush 10-20%, airless 15-25%, ready-to-use spatula.
. Mixing	Mix the product with care, adding water gradually until you reach the correct viscosity.
. Theoretical coverage	6-9 m ² /l per coat. When applied with a spatula, 2-3 m ² /l per coat depending on the support.



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. Application cycle

PREPARATION OF THE SUPPORTS

The supports must be as flat as possible and must have an adhesive strength above 1.5 N/mm².

On concrete supports, the humidity level must not exceed 3% and a suitable vapour barrier must be inserted. If these conditions are not fulfilled the surface must be adequately treated to lower the level of humidity.

The support must be free of: laitance, dust, detaching or loose parts, protective waxes, old coating products in poor condition, paraffin, efflorescence, oil stains and whatever else may hinder adhesion.

Supports made of concrete and minerals in general must be solid, dry and free of rising damp.

For machine-sleeked concrete surfaces, such as industrial flooring, the most appropriate preparation method is grinding with diamond wheels and the subsequent sucking up of the powders.

Loose parts must be suitably removed. Any depressions must be levelled with suitable mortar.

Subsequently, the surface must be treated with a primer by applying one coat of Titancril diluted 1:3 with water.

APPLICATION

TITAN ARENA must be applied using a long-bristle roller, a brush or by spraying with an airless device. It can also be applied with a spatula, in one or two coats, to level out small irregular parts.

Proceed with the application of TITAN ARENA suitably diluted.

Wait for the first coat to dry completely before applying the next layer.

The second coat must be applied crosswise with respect to the first coat.

When treating micro-perforated supports, insert one layer of non-woven polypropylene fabric between the two layers of TITAN ARENA applied with a spatula then apply 2 coats with a brush or roller.

Apply one abundant coat of TITAN ARENA; as the product is being applied, immediately place the non-woven fabric and compress it with a flat spatula or bubble-buster roller to ensure that it is perfectly wetted.

When the first layer has fully dried, apply the second coat of TITAN ARENA so as to cover the fabric completely.

Protect TITAN ARENA against rain until it has dried completely.



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- . **Notes** Any hardened drops can be easily removed with Diluente Nitro 92100012 thinner.
- . **Storage** Do not allow to freeze; store between +5°C and +20°C. Once open, the undiluted product can be kept for 3 months in the closed container stored in the dark.
- . **Warnings** Wash brushes and tools immediately after use; do not dump the wash water in the ground or into groundwater.
Keep out of reach of children.
For further information, consult the safety data sheet.

**VOC Classification - Directive
2004/42/EC - Italian Legislative
Decree no. 161/2006**

I/A - maximum 140 g/l (2010).

Maximum VOC content of TITAN ARENA ready for use: 30 g/l.

Specification items

Apply 2 coats of the TITAN ARENA for concrete sports fields, in the colour desired by the works manager, after suitably preparing the surfaces to be treated. Includes materials and application, excludes skimming and/or scaffolding.

This information is the result of our practical experience but is purely indicative. For more detailed information, please contact our technical support service. This sheet annuls and replaces any previous editions.
