



## TECHNICAL DATA SHEET

### 8. SPORTS PAINTS

#### ► Sports court floors

Sports facility paint

1351 / Version 6 / 29-09-2023



## DESCRIPTION

Aqueous dispersion paint with high strength, hardness and durability. Non-slip effect. Designed for protecting and decorating sports facility walls and floors and bike path, trail and pedestrian path markings. Respond all the requirements established in the "GREEN BUILDING", offering the highest possible score for BREEAM and / or LEED certifications.

## PROPERTIES

- Good adhesion to common construction materials.
- Highly durable non-slip finish.
- Impact strength.
- Resistant to the negative effects of weathering.
- Dust-free effect
- Good flexibility.
- Contributes to BREEAM and LEED certification.

## USES

Acrylic paint especially recommended for protecting and decorating sports facilities, both on walls and floors, due to its high resistance, non-slip finish and durability.

## TECHNICAL DATA

<b>Appearance</b>	Slightly satin.
<b>Colour</b>	White and colours from the Sistema tintométrico Esencia charts.
<b>Thinner</b>	Water.
<b>Viscosity (Brookfield RVT at 20°C). Poises</b>	120 - 130
<b>Density at 20°C (Kg/L)</b>	1.36 ± 0.05
<b>Content in solids % volume</b>	52
<b>Yield (m<sup>2</sup>/L):</b>	8 - 12
<b>Touch dry (20°C) (min)</b>	30
<b>Second coat (hours)</b>	3 - 4
<b>Total cure at 20°C (days)</b>	10 - 12
<b>% brush or roller dilution</b>	0 - 15
<b>% spray gun dilution</b>	10 - 15
<b>Cleaning of utensils and stains</b>	With water before drying.
<b>Volatile Organic Compounds (COV).</b>	Maximum product content 37,9 g/L

## HOW TO APPLY

- Stir the product until totally smooth.
- The surfaces to be painted must be clean, dry and free of dust, grease, saltpetre, etc.
- If not, the surface must be cleaned properly and prepared with a coat of appropriate fixer.
- If the surface is already painted, ensure the previous paint is in good condition and well-adhered.

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## SURFACE AND AMBIENT CONDITIONS

### AMBIENT TEMPERATURE:

Do not paint below 7°C or above 40°C

### RELATIVE HUMIDITY:

Never apply with relative humidity exceeding 80%.

### AMBIENT CONDITIONS:

It is not recommended to paint in rainy weather or at times of peak heat.

## SURFACE PREPARATION

### UNPAINTED SURFACES:

#### Cement mortar:

- It is essential to regulate porosity on the surface to ensure penetration and anchorage of the paint; to achieve this, the best outcomes are obtained using mechanical methods, which remove any type of unwanted substance or foreign body and regulate surface porosity.
- If mechanical treatment cannot be carried out, use at least one chemical treatment: remove foreign or undesired agents using diluted hydrochloric acid, then remove the acid residues with plenty of water. Allow the surface to dry and then paint as normal.

#### Asphalt agglomerates:

- Apply with a spray gun so as not to plug the floor drain and to reduce unnecessary consumption.

### PRE-PAINTED SURFACES IN POOR CONDITION:

#### Pre-painted surface in poor condition:

- If the paint is old or badly adhered with defects such as chalking, blistering, peeling, cracking, etc., it must be completely removed and then apply a coat of transparent acrylic fixer. (see possible application systems)
- See compatibility with the previous paint.
- Clear oil or grease residue.

## POSSIBLE APPLICATION SYSTEMS

Use a brush, roller or spray gun for normal application of Sports court floors. Two coats are recommended for waterproofing of walls. Prior to the top coat and depending on the wall apply primer suitable for the yield specified in each case.

### PRIMERS:

- Fixacril Solvent-based acrylic fixer: Non-consolidated absorbent surfaces: Yield: Concrete: 15-20 m<sup>2</sup>/L. Cement mortars: 10-15 m<sup>2</sup>/L. Fibre cement: 10 - 15 m<sup>2</sup>/L. Plaster/Cast plaster: 5 - 15 m<sup>2</sup>/L. Painted surfaces: 15 - 20 m<sup>2</sup>/L. Coats: 1
- Isacrílico Sealing emulsion: consolidating primer for porous surfaces. Undiluted product yield: Concrete. 30-60 m<sup>2</sup>/L. Cement mortars: 15-20 m<sup>2</sup>/L. Fibre cement: 15 - 25 m<sup>2</sup>/L. Plaster/Cast plaster: 10 - 15 m<sup>2</sup>/L. Painted surfaces: 15 - 40 m<sup>2</sup>/L. Coats: 1

### FINISH SUELOS DEPORTIVOS:

- Yield: 8 - 12 m<sup>2</sup>/L
- Coats: 2

## SAFETY

Consult the current safety data sheet for safe handling (Section 8.2). Unsuitable for children. Keep out of the reach of children. Do not place painted surfaces into the mouth.

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## REMOVAL

Take the necessary measures to ensure waste is kept to an absolute minimum. Analyse all possible methods for reuse or recycling, in line with the local and national legislation in force. Take the necessary measures to ensure waste is kept to an absolute minimum. Analyse all possible methods for reuse or recycling. Do not pour down drains or into the environment. Dispose of the product at an authorised waste disposal site or through an authorised waste management company. Waste must be handled, stored and disposed of pursuant to current local- national legislation.

## STORAGE

See storage conditions indicated in section 7.2 of the current safety data sheet. Store the containers away from high temperatures, direct exposure to the sun and frost. Maximum recommended storage time: 12 months from manufacture in fully sealed original container, indoors and at temperatures between 5° and 35° C.

## LEGAL TEXT NOTE

This information and, in particular, the recommendations regarding the application and final use of the product, are given in good faith, based on the current knowledge and experience of Isaval Paints of the products when they are properly stored, handled and applied, in normal situations, within its useful life, according to the recommendations of Pinturas Isaval. In practice, the possible differences in the materials, supports and actual conditions at the place of application are such that it cannot be inferred from the information in this document, no any other written recommendation, neither any advice offered, will insure the guarantee in terms of marketing or suitability for particular purposes, neither any obligation outside of any legal relationship that may exist. The user of the products must carry out the tests to verify their suitability according to the use they want to give. Pinturas Isaval reserves the right to change the specifications of its products. The property rights of third parties must be respected. All orders are accepted according to the terms of our current General Conditions of Sale and Supply. Users should know and use the latest and updated version of the local Product Data Sheets, a copy of which will be sent to whoever requests them, or can also be obtained on the page "www.isaval.es". Data on this Sheet are based on laboratory tests. The measures taken "on site" may vary due to circumstances beyond our control.