



TECHNICAL DATA SHEET

8. SPORTS PAINTS

► 2kR Swimming pools

Protection and decoration of swimming pools

2618 / Version 8 / 04-03-2025



DESCRIPTION

Acrylic polyurethane enamel cured with aliphatic isocyanate developed for the protection and painting of swimming pools, ponds and non-potable water tanks.

PROPERTIES

- Resistant to the negative effects of weathering.
- High opacity and levelling.
- High adhesion on low absorption surfaces.
- Resistant to water and immersion.
- Resistant to the chemical products used for treating swimming pool water.
- Suitable for swimming pools with saline chlorination water.

USES

Especially designed for painting concrete or cement pools, polyester or fiberglass to its high adhesion.

TECHNICAL DATA

Appearance	Glossy.
Colour	Blue, dark blue and white.
Density at 20°C (Kg/L)	1.15 - 1.35
Content in solids % volume	48 - 52
Mixing ratio	4:1 by volume, with HARDENDER [®] for 2 kR
Useful life of mixture	3 - 4 h
Gloss (UNE EN ISO 2813)	90% at 60°
Yield	10 - 13 m ² /l (40 - 50 microns dry)
Total cure at 20°C (days)	10 - 12
Touch dry	2 h
Second coat	Minimum, 6 h Maximum, 24 h
Thinner	D-30
% brush or roller dilution	0 - 5
% spray gun dilution	5 - 10
Volatile Organic Compounds (COV).	Maximum product content 492,00 g/l

HOW TO APPLY

- Stir the product until totally smooth.
- The surfaces to be painted should be consistent, without any poorly adhered materials and be clean, dry, free of dust, grease, saltpetre, mould, fungus or algae.
- Check the compatibility with the previous paint
- On non-porous surfaces, use the appropriate primer (see possible application systems) or consult the technical department.

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SURFACE AND AMBIENT CONDITIONS

AMBIENT TEMPERATURE:

Do not paint at a temperature of below 10°C .

SURFACE TEMPERATURE:

It should be 2 - 3 °C above dew point when painting.

RELATIVE HUMIDITY:

Never apply with relative humidity exceeding 80%.

AMBIENT CONDITIONS:

The paint should not be applied under conditions of excessive sunlight, strong winds, or if rain is forecast.

SURFACE PREPARATION

UNPAINTED SURFACES:

Concrete:

- Wait until completely set (min. 30 days).
- Remove efflorescences, product residues and foreign substances (grease, dust, oils and/or derivatives, etc.).
- It must be isolated externally from the humidity of the earth, especially if there is a garden surrounding it, to avoid the blisters that osmotic pressure from the filtered water from the exterior causes in the paint.
- Regulate high porosity by applying a coat of fixer (See possible application systems).
- Paint using the normal procedure.

Polyester:

- Lightly sand the surface
- Paint using the normal procedure.

PRE-PAINTED SURFACES IN POOR CONDITION:

Polyester:

- See compatibility with the previous paint.
- Thoroughly sand the previous paint to facilitate adhesion.
- Paint using the normal procedure.

Concrete:

- See compatibility with the previous paint.
- Thoroughly sand the previous paint to facilitate adhesion.
- Paint using the normal procedure.

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POSSIBLE APPLICATION SYSTEMS

Use a brush, roller or spray gun for normal application of 2 KR pools. At least two top coats are recommended. The recommended thickness is 40-50 microns dry.

Do not fill the pool until 10-12 days after painting.

Product resistant to chlorine and chlorine derivatives in concentration limits indicated in Royal Decree 742/2013.

For any other treatment (flocculants, algicides, etc...), consult your supplier about its use in painted pools. These treatments and excess chlorine can cause color degradation of the paint. It is not recommended to throw chlorine tablets directly, since the paint in the contact area can be damaged.

PRIMERS:

- Epoxy Colourless sealant 40 % solids: Fixer, reinforcement of degraded surfaces with high penetration, suitable for application to floors or epoxy, polyurethane, chlorinated rubber paints, etc. Yield: 0.1 - 0.2 kg/m². Coats: 1

FINISH 2KR PISCINAS:

- Yield: 10 - 13 m²/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.

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: 24 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. All data in this document are based on laboratory tests conducted at 20°C and 1 atm pressure. Measurements taken "on-site" may vary due to circumstances beyond our control, such as changes in environmental conditions of pressure and temperature.