



PRT.0182
**SMERALD
PISCINE**

Protective enamel for specific
concrete for plastered pools

 **Customs Code**

3209 1000

 **Packaging**

- Pail 14 l

 **Application**

- Brush
- Paint roller

Family
Protech

Product Lines
• Aqua

Components
Single-component

Type
Specific protective enamel for concrete or plastered pools

Functional Categories
• **Protective varnishing (painting)**
• **Protective, strengthening, polyurethane or epoxy coatings**

Appearance
Thick liquid

General description

Protective decorative enamel, with satin effect, monocomponent, high technical content, very resistant to the action of UV rays; based on polyurethane polymer mixtures and acrylic modified with Teflon, in aqueous emulsion. Perfect for finishing concrete surfaces intended for permanent contact with water (swimming pools, fountains, ornamental basins, channels, artificial ponds, tanks, etc.). It is provided in the standard colours Light Blue and White, on request it can be supplied in other colours.










General features

SMERALD PISCINE is a special mixture of polyurethane-acrylate Teflon coated resins, in aqueous emulsion, particularly resistant to light, water, chlorine and the usual sanitising agents. Modified with unalterable high coverage pigments and special additives, effectively protected against UV radiation, assisted by peculiar radical catchers, it is characterised by high adhesion to the support, high elastic performance, excellent coverage capacity with only two coats of application, and absolute absence of toxic solvents of any kind.

Fields of application

Specially formulated for painting pools, ornamental basins, channels, fountains, ponds, tanks, and any cement support strongly and permanently in contact with water.

Basic features

- | | |
|--|--|
|  Highlighted product |  Density:
1.40 (± 0.05) kg/dm ³ |
|  Nonflammable |  Shelf-life:
12 months |
|  Solvent-free |  Temperature of use:
+5 / +35 °C |
|  Use wearing protective gloves |  UV-resistant |
|  Available colours
White / Light blu | |

Technical specifications

Complete hardening (a 20°C): 3-5 day

Dry residue (10' a 105°): 53 ±0.05 %

Hard to touch (a 20°C): 4-5 h

Maximum humidity of the support: 3 %

Tools cleansing

- Water

Applicable on

- Plasters
- Concrete
- Cement-based or lime-based mortars
- Prefabricated concrete
- Fiber-cement
- Rock walls



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Instructions for use

SMERALD PISCINE can be applied by brush, roller or airless (membrane type) with nozzle 1.5 -2 mm in diameter. Always use two coats, with intervals of at least 2/4 hours one from the other, for a consumption not less than 200 g/m² per coat (approximately 450 g/m² total consumption). During spreading, if the product needs it, it can be diluted exclusively with water, not exceeding the dilution of 5%-10% by weight of the product. Do not dilute with solvent.

Carry out the application in good weather conditions with temperatures higher than 5-8 °C, for rapid drying. On large surfaces it is recommended to apply the product from the same production lot. Proceed always wet on wet to avoid signs of resumption.

Substrate preparation

The surfaces of application should be clean, free of any soiling, crumbling and non-adhering parts, or non-absorbent, dust, pre-existing paints, etc.

Storage and preservation

Protect from freezing. Store the product in its original packing, in a fresh and dry environment, avoiding frost and direct sunlight. Inadequate storage of the product may result in a loss of rheological performance.



Normative references

A/d paint for interior/exterior finishes and infills for wood, metal or plastic. BA. Limit Value EU by COV (Directive 2004/42/EC) for this product (cat. A/d): 150 g/l (2007); 130 g/l (2010). This product contains up to 80 g/l COV.



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Warnings, Precautions and Ecology

The general information, along with any instructions and recommendations for use of this product, including in this data sheet and eventually provided verbally or in writing, correspond to the present state of our scientific and practical knowledge.

Any technical and performance data reported is the result of laboratory tests conducted in a controlled environment and thus may be subject to modification in relation to the actual conditions of implementation.

Azichem Srl does not assume any liability arising from inadequate characteristics related to improper use of the product or connected to defects arising from factors or elements unrelated to the quality of the product, including improper storage.

Those wishing to utilise the product are required to determine prior to use whether or not the same is suitable for the intended use, assuming all consequent responsibility.

The technical and characteristic details contained in this data sheet shall be updated periodically. For consultation in real time, please visit the website: www.azichem.com. The date of revision is indicated in the space to the side. The current edition cancels out and replaces any previous version.

Please note that the user is required to read the latest Safety Data Sheet for this product, containing chemical-physical and toxicological data, risk phrases and other information regarding the safe transport, use and disposal of the product and its packaging. For consultation, please visit: www.azichem.com.

It is forbidden to dispose of the product and/or packaging in the environment.

As for all products made from resins in aqueous emulsion, to avoid defects in filming, the application temperature must be between +5°C and +35°C with relative humidity not exceeding 60%-70%. The application should be avoided in case of direct exposure to sunlight and significant ventilation.

The specified consumption must be respected (use 1 kg of product to pigment maximum 2.5 m² surface!). If the applied amount is less than the recommended minimum, the polymerization process (which makes it elastic adhesive and painting) would be compromised.

SMERALD PISCINE is produced/distributed by



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