



Family
Protech

Type
Acrylic fixatives, paints and plasters

Product Lines
• **Aqua**

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

Components
Single-component

Appearance
Thick liquid

PRT.0182
**SMERALD
PISCINE**

Protective enamel for specific
concrete for plastered pools

 **Customs Code**

3208 9011

 **Dosage**

0.3 - 0.4 l/m²

 **Packaging**

- Pail 14 l

 **Application**

- Brush
- Paint rolle

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 of the RAL range.

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.

Available colours

- White
- Light blu
- *Cartella Azichem - acrilici*

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 |

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

Tools cleansing

- Water

Applicable on

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

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.



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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.

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.

Warnings, Precautions and Ecology

Technical and performance data outlined in this document are the result of laboratory testing conducted in a conditioned environment, as such they can result as considerably changed from operating and application conditions. The need follows to carry out preliminary tests in actual use conditions.

The user is required to check the product's most recent Material Safety Data Sheet, reporting physical-chemical and toxicological data, risk phrases and other useful information on how to safely transport, use and dispose of the product and its packaging. It is also reminded that the product and its packaging must not be dispersed in the environment for any reason.

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.



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