

PRO Pool Plus 2K



Covering Power: 8-10 m²/lt



Drying: 1 - 2 hours



Dilution: 5% with Epoxy thinner No7



Recoatibility: 24 - 48 hours



Packing: 4,35 Kg

Application: Brush, roller, spray gun

GENERAL CHARACTERISTICS

Two-component epoxy solvent paint suitable for new pools and for repainting already painted pools, after proper preparation. Used for the protection of concrete floors and metal surfaces. It has very good adhesion to concrete and metal, forming a hard surface resistant to abrasion and frequent use. It exhibits excellent chemical behavior against chlorine, chemical pool additives, acids, alkalis, water and seawater. Contains UV filters giving greater resistance to UV radiation to prevent discoloration and degradation from prolonged sun exposure. It achieves a very good aesthetic result while being easy to maintain.

TECHNICAL CHARACTERISTICS

Texture-finish	Gloss
Density	Component A: 1,34 ± 0,02 kg/lt Component B: 0,90 ± 0,02 kg/lt Mix A+B: 1,20 ± 0,02 kg/lt
Mixing ratio	2A:1B by volume
Covering power	8 -10 m ² /lt per coat, in the appropriate prepared surface
Dilution	5 % on volume with Epoxy thinner No7
Drying	1-2 hours touch free. The above times are extended under cold and wet conditions.
Recoatibility	Recoatible in 24 hours after application and no later than 48 hours.
VOC class	"Two-pack reactive performance coatings". Type SB. VOC limit =500 gr/lt. Max VOC of product ready for use= 495 gr/lt.
Pot life of mixture	6 h (+10°C), 5 h (+20°C), 4 h (+30°C)
Curing time	2-7 days (+10°C), 1-5 days (+20°C), 12 hours-3 days (+30°C)
Ambient temperature	10°C-30°C
Substrate temperature	10°C-30°C
Relative humidity	<70%
Substrate humidity	<5%
Pool filling with water	At least 7-10 days from its application
Shades	White, light blue

SURFACE PREPARATION

To ensure proper adhesion of the paint, the surface to be painted must be cleaned of dust, grease, oil, peeled old paint, loose pieces, etc., with a brush or vacuum cleaner. New concrete or cement mortar surfaces shall be painted at least one month after construction. Surfaces painted with one-component paints shall be thoroughly cleaned by solvents or mechanical means, while two-component paints and generally smooth surfaces shall be thoroughly scrubbed. Cementitious substrates shall be treated by mechanical means to achieve a surface of open porosity. Concrete of reduced strength shall be removed and surface defects (protrusions, holes, cracks, etc.) repaired.

Then prime with the product diluted 10-15% with Epoxy thinner No7 of VECHRO.

NEW CONCRETE : New concrete or cement mortar surfaces should be painted at least 28 days after construction.

REPAINTING OF PREVIOUSLY PAINTED PAINT: The surface to be painted must be thoroughly cleaned of grease, dust, loose pieces of oil and all old paint, peeled or not, must be thoroughly removed. Before application, a very good polishing or sanding of the surface is recommended, particularly on glossy surfaces (e.g. two-component paints) and a good cleaning of the surface from powders.

APPLICATION

The surfaces to be painted must be completely dry before application, which is recommended to be done in the shade, to avoid the phenomenon of swelling, which is favored at high temperatures. Before mixing, stir component A mechanically at low speed. Add component B to component A, dilute 5% with Epoxy thinner No7 and stir until fully homogenized for 3-5 minutes with a low-speed stirrer. The mixing process should be done at the bottom of the container, scraping the side walls and bottom of the container to ensure complete mixing. Excessive mixing should be avoided to minimize air entrapment. Stir well before and during painting. Mix only whole packages. After 5-10 minutes, apply one coat of POOL PLUS 2K immediately. Once dry, apply the second coat crosswise.

Prime with product diluted 10-15% with Epoxy thinner No7 of VECHRO.

To create a non-slip surface, it is recommended to use quartz sand. Apply one coat of Pool Plus 2K and while the film is still wet, spread quartz sand over the surface at a rate of 2-3 kg/m². Once the surface is dry, any excess sand not incorporated into the film should be cleaned off with a brush or vacuum cleaner. Then apply 1 or 2 coats, depending on the level of non-slip properties you want to impact to the surface.

CLEANING EQUIPMENT

During the work keep the tools "wet" in the container, drain the paint from the tools back into the can and clean them with Epoxy thinner No7. Do not empty wash liquids into the water table.



APPLICATION CONDITIONS

Substrate and ambient temperature should be between 10°C-30°C, substrate humidity less than 5% and relative humidity lower than 70%. Adverse conditions during application can alter the final properties of the paint.

STORAGE

The product should be stored in its original, sealed packaging, in dry conditions and at temperatures between +5°C and +30°C. Protect the material from frost and sun exposure.

REMARKS

If more than 2 days elapse between successive coats, light sanding of the surface is recommended before applying the next coat.

New concrete or cement mortar surfaces shall be painted at least 28 days after construction.

The gloss of the final product film may vary depending on the temperature, humidity, and absorbency of the substrate.

At low temperatures and/or high humidity, curing times are prolonged.

Protect the surface from rain/rain during the curing phase.

The substrate temperature should be at least 3°C above the dew point to reduce the risk of condensation of water vapour and the formation of bubbles in the product finish.

In enclosed spaces, adequate ventilation with fresh air should be ensured to avoid problems during the curing of the product film.


Do not apply the product after the end of the pot life of the mixture.

Avoid over-chlorination and follow the instructions for use of cleaning chemicals.

SAFETY

Read the label before use. For detailed instructions-precautions consult the safety data sheet of the product.

The technical data and instructions included in this technical leaflet are based on audits of confidential laboratories and result of the knowledge and experience of the company's scientific staff. The quality of the product is guaranteed by the company, which is aligned with the requirements of ISO 9001, 14001 and EMAS. As a producer, we are not responsible for any damage or damage caused if the product has not been used for proper application and in accordance with its instructions for use.

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VECHRO S.A. Liosion 302, 111 45 Athens www.vechro.gr	
DoP: 16 - CE - PRO POOL PLUS 2K	
EN 1504-2 Surface protection product of concrete structures - Coating	
Abrasion resistance (Taber)	Weight loss \leq 338 mg
Permeability to CO ₂	Sd \geq 188 m
Permeability to water vapour	Class II
Capillary absorption and permeability to water	W \leq 0,0003 kg/(m ² .h ^{0,5})
Chemical resistance	No defects and reduction Shore hardness \leq 1%
Impact resistance	Class III (\geq 24,5 Nm)
Adhesion strength by pull-off	\geq 3,9 N/mm ²
Dangerous substances	Comply with 5.3
Reaction to fire	Euroclass F