

VINILUX EP



TYPE OF PRODUCT

High quality two-component topcoat based on vinyl and epoxy resins cured with polyamine hardener.

APPLICATION AREA

- Indoor and outdoor swimming pools
- Concrete and polyester surface
- Metal structures and equipment

PROPERTIES

- excellent resistance to the freshwater and seawater
- resistant to solutions of inorganic acids, alkalis and salts
- excellent physical and mechanical properties
- good abrasion resistance

COLOURS AND GLOSS

- blue and according to customer request
- semi-gloss

BASIC DATA FOR MIXED PRODUCT

Mass density: 1220 - 1240 kg/m³ (base) (EN ISO 2811-1:2016)
984 kg/m³ (hardener)

Solids content (vol. %): 52 % (blue); 51 - 53 % (other shades)

Dry film thickness: 70 - 90 µm 1 - 2 layers

~ 100 µm swimming pools 2 layers

SURFACE REQUIREMENTS

Surface of concrete must be dry, clean, free from dust and any contamination. The concrete pool structure must be properly waterproofed.

Polyester surfaces must be mechanically sanded to ensure adequate paint adhesion. After sanding, thoroughly clean the surface with a lint-free cloth to remove all dust and residues.

Surface of metal must be dry and free of any contamination. The previous coat must be dry and clean.

Last update: January 2026

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RECOMMENDED CONDITIONS

During application the paint temperature should be above +5 ° to achieve the best chemical resistance and mechanical properties.

Substrate temperature should be at least 3 °C above dew point.

THINNING

By THINNER 10

APPLICATION METHOD AND VOLUME OF THINNER (MAX. %)

Method	Thinning
airless spray	5 – 15 %
air spray	10 – 15 %
brush/roller	5 – 15 %

Recommended thinning for roller application on concrete:

- first coat ~ 15 %

- second coat ~ 5 - 10 %.

INSTRUCTION FOR USE

Stir well before use.

MIXING RATIO (BASE : HARDENER)

Mixing ratio (by weight): base : hardener = 100 : 10,5

Mixing ratio (by volume): base : hardener = 88 : 12

INDUCTION TIME

15 min

POT LIFE

6 hours (at application viscosity)

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DRYING (t = 20°C, 65 % REL. HUMIDITY)

- dust dry 30 min.
- touch dry 1 hour
- Over coating interval: after 24 hours

By lower temperatures and higher relative humidity, drying time is prolonged.

CONSUMPTION

Spreading rate: 3.5–4 m²/l (0.30-0.35 kg/m²) – concrete pools
6–8 m²/l (0.15-0.20 kg/m²) – painted and polyester pools

EU VOC CATEGORY AND LIMITS

IIA (j), 500 g/l (2010); product contains: max. 496 g/l.

PACKAGING

18,4 and 7,5 L Vinilux EP (blue); other packaging depends on shades
2,5 and 1 L Vinilux EP (hardener)

STORAGE

In dry and good ventilated space at temperatures from +5 °C to +25 °C.
Shelf life: 2 years.

IMPORTANT INFORMATION FOR PROPER USE

- Vinilux EP should be applied under stable weather conditions.
- Do not apply the paint to damp or dew covered substrates.
Condensation must be avoided; pay attention to the dew point.
- Apply thin, even coats.
- Recoating interval: approx. 24 hours (at 20 °C and 65% RH).
- After applying the final coat of Vinilux EP, allow the coating to cure for 10–14 days.
- During this period, do not fill the pool with water.
- It is recommended to cover the pool with nylon during this period.
- Do not leave water in the pool during the winter months.

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MAINTENANCE GUIDELINES FOR PAINTED SWIMMING POOLS

Control of Water Chemistry

- pH level: 7.2–7.6
- Free chlorine: 1–3 ppm
- Avoid sudden or aggressive chemical changes.

Regular Cleaning

- Use soft brushes or sponges only.
- Remove algae growth and deposits immediately.

Avoid Chemical Shock

- Always dilute chemicals before adding them to the pool.
- Do not pour concentrated acids or chlorine directly onto painted surfaces.

Proper Draining and Refilling

- Do not leave an empty pool exposed to direct sunlight for extended periods.
- Check water hardness and aggressiveness before refilling.

Preventive Protection

- Outdoor pools: Use a protective cover after draining.
- Regularly inspect painted surfaces and promptly repair any damage.

PREPARING YOUR POOL FOR THE NEW SEASON

To effectively remove scale and milky deposits, use:

- Pool-specific scale removers based on mild organic acids.
- Citric acid, suitable for removing thin layers of scale and light mineral film

Apply the products to a moistened surface, allow them to act briefly, clean with a soft brush or sponge, and rinse thoroughly with clean water. These products are safe for painted pool surfaces.

To remove grease from sunscreen, oils, and organic dirt from painted pool surfaces, use:

- Mild alkaline cleaners based on non-ionic or anionic surfactants (detergents).
- Ecological, biodegradable degreasers free from solvents and aggressive alkalis, safer for users and the environment, and suitable for both indoor and outdoor pools.

Apply the products to a moistened surface, clean with a soft brush or sponge, do not allow the product to dry, and rinse thoroughly with clean water. The products do not cause bleaching or matting of the paint.

What to avoid: Pure hydrochloric acid; Aggressive bathroom cleaners; Abrasive powder cleaners; Metal brushes or wire brushes; pH-minus products applied directly to the surface

SAFETY

The information about the safe handling, storage and disposal of products please check in the Safety Data Sheet.

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