

## DECOPOOL PU 1807

POLYURETHANE-BASED, TWO-COMPONENT SWIMMING POOL PAINT

### GENERAL CHARACTERISTICS

**DECOPOOL PU 1807** is a polyurethane-based, two-component swimming pool paint.

- Provides a shiny surface with permanent protection against UV radiation.
- Eliminates dust and decay from old & new floorings, reinforcing their durability.
- Easily repaired locally if necessary.
- Applied only on dry surfaces.

### TECHNICAL DATA

Basis:	two-component polyurethane resin
Appearance:	liquid
Viscosity:	90-400 mPa•s at 25°C
Density:	0,95 - 1,05 kg/lit
Mixing proportion (A:B):	75:25 by weight
Final strength:	after 7 days at 25°C
Walkability:	after 2 days at 25°C
Adhesive strength:	>3 N/mm <sup>2</sup> (breaking of concrete)
Colors:	KDF colorchart
Temperature for the application and drying of the material:	10 – 38°C

### SUBSTRATE REQUIREMENTS

Concrete quality:	at least C20/25
Age:	at least 30 days
Moisture content:	below 4%

### PREPARATION-APPLICATION

**The relevant system is applied only on dry surfaces. Protected from arising humidity and free of materials that might prevent bonding e.g. dust, loose particles, grease etc.** The success in the application depends on the right preparation of the underlay and use of the material.

- Good mixing of components A (resin) & B (hardener) packed into separate containers in fixed weight proportions. Mixing should be performed using a low revolution mixer (300-600 rpm) for 1-2 min. Stirring of the mixture should be performed thoroughly near the sides and bottom of the container in order to achieve uniform dispersion of the hardener.

- During the application of two or more layers with **DECOPOOL PU 1807**, the last layer is applied until the surface is saturated and a film is created. If mat spots appear, then another layer is necessary until the surface is shiny. The next layer follows the other after the previous dries, within 6-12 hours depending on the ambient temperature and not more than 24 hours. The number of layers vary from one surface to another depending on the absorbency.

## CONSUMPTION

300-600 gr/m<sup>2</sup>, in two or more layers depending on the type, absorbency and roughness of the underlay.

## APPLICATION TOOLS

Airless sprayer, paint rollers, brushes. Tools should be cleaned with solvent immediately after use.

## PACKAGING

Supplied in drums of 15 kg. Components A and B have the fixed weight proportion.

## STORAGE

One year in unopened containers in dry places with minimum temperature 5°C and maximum temperature 30°C, protected from moisture, heat and sunlight.

## REMARKS

- Working time of **DECOPOOL PU 1807** decreases when ambient temperature rises.
- Prolonged storage of partially used containers must be avoided as contact with atmospheric moisture will result in skinning and clouding of the product.
- Do not mix or apply unless surface, air and material temperatures are over 10°C during the next 24 hours.
- Do not apply to floors if there is moisture in the subfloor drive or hydrostatic pressure. Prior precautions measurements of humidity with special device are suggested.
- It **cannot be applied in thickness for filling cracks or holes**.
- In case old floors are going to be laid or a long period of time interferes between successive layers, the surface must be thoroughly cleaned and grinded prior to application of a new layer.
- After hardening **DECOPOOL PU 1807** is completely safe for health.

## CAUTION

The application must take place in well-aired places using protective gloves. Skin or eye contact must be avoided, otherwise wash carefully with soap and water.

**For more information consult the material safety data sheet.**

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The information given here is true, represents our best knowledge and is based not only on laboratory work, but also on field experience. However, because of numerous factors affecting results we offer this information without any guarantee and no patent liability is assumed. For additional information or questions, contact the technical department of KDF LTD.

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