

PAINTCHLORE 2K

RAYSTON
products



High gloss 2 component PU aliphatic top coat that is especially suited for coating and protecting swimming pools.

PRODUCT INFORMATION

Aspect: Gloss.
Solids content (in volume): 54± 2 %
Recommended thickness > 100 microns (DFT).
Product consumption 250 g/m² in 2 coatings, for 117µ (DFT).
Application method: Airless machine, Aerographic gun, brush or roller.
Curing times: See table beneath.
Water resistant: After 7 days minimum

Temp (°C)	Dry to touch	Full cure
5°C	5 h	24 h
15°C	2 h	8 h
25°C	1 h	5 h

VOC: Maximum 460 g/l
Density: 1.15+ 0.050 g/cc

APPLICATIONS

Swimming pools, made of polyurea, concrete, polyester resin, ...

PRODUCT CHARACTERISTICS

- Excellent weather and outdoors resistance.
- Stable to yellowing and chalking.
- Excellent gloss.
- Good resistance to chlorinated water even in permanent immersion.
- Excellent mechanical properties.
- Good adhesion on different kinds of substrates.
- It can change of color due to the effect of water and what it contains.

SUBSTRATE PREPARATION

The Surface must be completely clean, free from dirt, dust, grease or any other contaminants which may impede proper adhesion.

Application onto polyurea:

It is recommended to apply Paintchlore 2K minimum 2 h and maximum 12 h after spraying a new polyurea membrane.

When applying onto existing polyurea substrates, abrade the surface to eliminate previous coatings and remove dust completely. Activate substrate with PU Primer (Activator).

Application onto cement/concrete:

Concrete must be completely dry (28 days). It is important to prime with Epoxy 100 / Epoxy 100 GEL to have a clean / sealed substrate.

In case of new concrete, it is important to remove leachate and contaminants that might affect the adhesion. It is recommended to use diamond grinding tools or sand blasting equipment for a proper preparation process.

APPLICATION

Mix 16 parts in volume of Comp A (resin) with 4 parts in volume of Comp B (Iso): (4 : 1)

Pot-life 5 hours at 20° C

Airless machine Nozzle Range: 0.33- 0.45mm
Recommended pressure at nozzle: 140 kg/cm²

Air Gun (Conventional) Appropriate output orifice 1.0-1.5 mm. Pressure 3-4 bar.

Brush: Solvent cotible

Roller: Solvent cotible

Solvent: Rayston Solvent

OTHER INFORMATION

The information contained in this DATA SHEET, as well as our advice, both written as verbal or provided through testing, are based on our experience, and they do not constitute any product guarantee for the installer, who must consider them as simple information.

We recommend to study deeply all information provided before proceeding to the use or application of any of our products, and strongly advise to conduct tests "on-site" in order to determine their convenience for a specific project. Our recommendations do not exempt of the obligation of installers to deeply study the right application method for these systems before use, as well as to conduct as many preliminary tests as possible should any doubt arise. The application, use and processing of our products are beyond our control, and therefore under the exclusive responsibility of the installer. In consequence, the installer will be the only responsible of any damage derived from the partial or total in-observation of our indications, and in general, of the inappropriate use or application of these materials.

This Data Sheet supersedes previous versions.



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