

# PAINTCHLORE 2K

RAYSTON  
products



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

## DESCRIPTION

### INFORMATION ABOUT THE PRODUCT BEFORE APPLICATION

Aspect	Colourless	Colourless
Packaging	Comp.A	Comp.B
	16 L (20 kg)	4 L (5 kg)
	8 L (10 kg)	2 L (2.5 kg)
	4 L (5 kg)	1 L (1.25 kg)
	0.8 L (1 kg)	0.2 L (0.25 kg)

### INFORMATION ABOUT THE PRODUCT AFTER APPLICATION

Aspect	Gloss
Solids content (in volume)	54± 2 %
Recommended thickness	> 100 microns (DFT)
Product consumption	250 g/m <sup>2</sup> in 2 coatings, for 117µ (DFT)
Application method	Airless machine, aerographic gun, brush or roller
Water resistance	After 7 days minimum
VOC	460 g/l
Density	1.15 ± 0.05 g/cm <sup>3</sup>

## APPLICATIONS

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

## PROPERTIES

- 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 because of water and what it contains.

## SUPPORT PREPARATION

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

### INFORMATION ABOUT EQUIPMENT BEFORE APPLICATION

Mix	16 parts in volume of resin with 4 parts in volume of ISO (4:1)
Pot life	5 hours at 20°C
Airless machine	Nozzle range: 0.33-0.45 mm Recommended pressure at nozzle: 140 kg/cm <sup>2</sup>
Air gun (conventional)	Appropriate output orifice: 1-1.5 mm Pressure: 3-4 bar
Brush and roller	Solvent compatible
Solvent	Rayston Solvent

## CURING TIME

Temperature (°C)	Dry to touch (h)	Full curing (h)
5	5	24
10	2	8
25	1	5

## 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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