

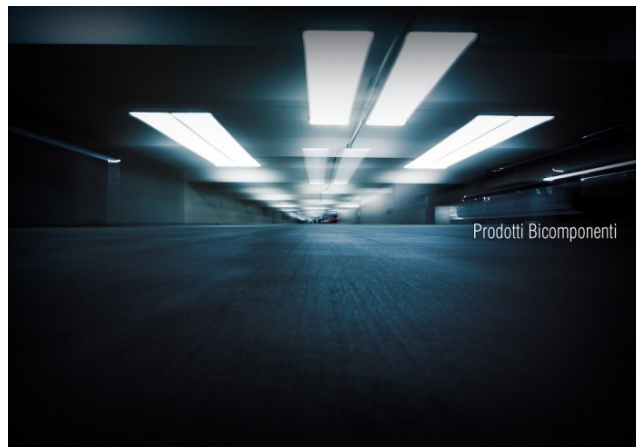
poliver



Bicomponent Polyurethane Finish

Non-yellowing, elastic

Exceptional chemical resistance



Code

1213

Description

Non-yellowing, high-reflection alitofom polyurethane finish characterized by high surface hardness and excellent abrasion resistance, perfect adhesion to the surface, high flexibility, excellent resistance to washing with alkaline acid solutions and excellent resistance to water, oils, fats, gasoline, alcohol and spots. POLIVER is applicable on metallic surfaces

Use

POLIVER is used as a finish to improve the aesthetic appearance and resistances in highly aggressive environments such as heavy industries and marine environments. It is also employed as a finish for concrete flooring subjected to pedestrian traffic or wheeled trolleys. Suitable for painting swimming pools and basins containing non-drinkable water. Excellent abrasion resistance. It can be applied directly to primer and intermediates such as: Epofond, Epofond zinc, EPO primer, EPO surface.

Appearance of the film

Brillant

Color

White, RAL

Components

2

Hardening	Chemical reaction between two components
Specific weight	1,180 - 1,260 gr/ml (A + B)
VOC	55%
Estimated yield	13,7 m ² /L for a thickness of 40 microns dry
Flash point	<div>Component A 34°C</div> <div>Component B 27°C</div> <div>Thinner 27°C</div>
Minimum thickness	40 micron
Brilliance	> 90 gloss
Temperature resistance	120°C in continuous, 250 °C noncontinuous.
Chemical resistance	<div>Water Diluted acids Saline Solutions Diluted alkalis</div> <div>Excellent Good Excellent Good</div>
Preparation of surfaces	Surfaces primerized with base coats, intermediates, epoxy finishes, free from contaminants.
Preparation of the product	<div>Mix component A before use, then add component B and mix again.</div> <div>Component A 100</div> <div>Component B 20</div> <div>Thinner</div>
Induction	Not provided

Pot life

8 hours at 20°C

Thinning

Polyurethane thinner
For roller application: 10%
For airless application: Max 5%
For spraying applications: 10-20%.

Environmental conditions

Ambient temperature: + 5 to 40 °C
Support temperature: > of 5 °C
Humidity: 0 - 70%
To prevent the formation of condensation, the temperature of the surface must be at least 3 °C higher than the dew point.

Dry and hardening

	10°C	20°C	30°C
For thicknesses of 40 microns			
Dry to touch	8	4	2
Dry deep	24	12	8

hours

Time of overpainting

	10°C	20°C	30°C
Minimum (hours)	24	12	6
Maximum	1 month		

Application

Brush, roll, airless
For brush applications use nylon or pure bristle brushes.
For roller applications use medium-haired rollers.
For the application use the method of the crossed hands.
Nozzle diameter: 0.33 (0.013 inch)
Air pressure: 180 ATM

Shelf life

2 years in a dry and cool place (max 40°C)

Packs

Comp A 9,384 kg Comp. B 2,616 Kg Thinner 5, 25