

# Orfapol incoloro

## Polyurethane paint

Two-component paint based on aliphatic polyurethane.



### Properties

- Porcelain effect
- For swimming pool protection
- On cement bases
- Excellent mechanical resistance
- Colorfastness

### Performances

- Specific gravity: 1.2 g/cm<sup>3</sup>
- Viscosity 25°C: 100-120 sec.
- Appearance: paint

#### Mixing ratio by weight:

\* Resin: 66.6%

\* Hardener: 33.4%

### Characteristics (25 °C)

- Mixing time: ±8 hours
- Dry to touch: ≥60 min.
- To recoat: ≥8 hours approx.
- Total drying : ±24 hours
- Complete curing: ≥7 days at 25 °C

*\*These times are contemplated at 25°C and may vary depending on the ambient temperature.*

### Importante

#### Commissioning of a swimming pool

- General review of the pool and visual inspection of the applied system.
- Surface gloss
- Absence of pores
- Degree of aggregate compaction
- Degree of compaction of the entire system applied.
- Appearance and coverage of the sealing layer
- Evaluation of the complete curing of the sealed layer (chemical resistance test Ethanol 96%)
- Water recirculation system
- pH control
- Pumps

### Enforcements

- High chemical resistance
- For swimming pool protection
- Unalterable shine
- Indoors and outdoors

### Supports

- **Pavicem microcement**, concrete, mortars
- **Pavistamp Floor** decorative self leveling
- **Pavistone** themed rock, terraces, ceramics

### Enforcement tips

- Application temperature: 10 -25°C.
- On completely dry base and free of moisture <4%.
- Always respect the same dosage.
- Do not add any additive to the mixture.
- Do not apply Orfapol colorless with possibility of humidities by capillary rising.

### Resistance table (immersion tests)

• Hydrochloric acid 10 y 20%	500 h.	Unaltered
• Sulfuric acid 10 y 20%	500 h.	Start oxid.
• Distilled water	8 m.	Unaltered
• Sodium chloride 3.5%	8 m.	Unaltered
• Sodium hydroxide al 20%	15 d.	Unaltered
• Ammonia	3 m.	Regular
• Isobutyl Acetate	8 m.	Unaltered
• White Spirit	6 m.	Well
• Salt Fog 5% sodium chloride and 37 - 38°C.	8 m.	Unaltered
• Environment: Humidity 100% and 40°C	3 m.	Well

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## Performance conditions

- In all cases it is essential to apply on dry, clean surfaces, free of fillers and other materials.
- To assure a good adhesion of the colorless Orfapol, on smooth and little absorbent surfaces, before applying, sand to open pore and vacuum.
- Avoid painting in presence of moisture.
- On surfaces of cementitious base **Pavicem**, concrete, mortars it must be completely set ( $\geq 28$  days) and free of humidity  $< 4\%$ .
- Avoid the application with air currents, direct insolation, risk of rain, ice or thaw.
- In exteriors the maximum temperature of application will be in all the cases  $< 25^{\circ}\text{C}$  measured on the surface to treat.

## Usage way

- Mix the two components homogeneously.
- The low viscosity of the colorless Orfapol allows it to be applied in its pure state.

### Application by roller, brush or spray.

- Spray, after dilution with a maximum of 10% TP thinner, interval between coats: 4-12 hours.

*\*Times may vary depending on weather conditions.*

## Associated products

- Arena piscina
- Pavicem
- Pavistamp floor
- Padec industrial
- Pavistone



## Packing

Pack (A+B): 25 kg

## Color

Standard: colorless  
(other colors on demand)

## Consumption

1 kg between 10 - 14 m<sup>2</sup> (1 layer)

## Preservation

In sealed original packaging (20 °C) and protected from weather and humidity: 1 year

## ! IMPORTANT

The observations and prescriptions of this data sheet, although corresponding to our best experience, should be considered, in any case, purely indicative, and should be tested by exhaustive practical applications; therefore, before using the product, the user must establish whether or not it is suitable for the intended use, and assumes all liability that may arise from its use. Once the product has been handled or applied, the manufacturer shall not assume any claim whatsoever, nor any liability as to the manner, mode and conditions of application.