

## DESCRIPTION

Two-component polyurethane enamel top coat made of aliphatic isocyanates and polyester-acrylic resins that creates a tough yet flexible membrane. It has been developed to protect ACE aromatic systems from UV radiation, aggressive environments and several chemicals, providing long lasting protection, brightness and colour stability.

## APPLICATIONS

ALIFLEX has been specifically designed for those situations where a highly resistant and aesthetical finishing is required, such as

- Swimming pools, water parks, jacuzzis...
- Vehicles
- Parkings lots, industrial pavements... both indoors and outdoors
- Containers, storage tanks
- Elements subject to aggressive environments such as pipes, columns, walls, doors...

## TECHNICAL DATA

Two components

Mixing ratio	A:B = 3:1 in weight
Finish:	Satin 60% ± 5
Specific weight:	1.34 ± 0, 05
Recommended dry thickness:	90 µ dry in one layer
Estimated consumption:	250 gr/m <sup>2</sup> = 90 µ dry
Solids by volume:	60% ± 1%
Drytothetouchtime:	4 hours, @20°C and 60%HR.
Repaintable:	At least 12 hours, maximum 48 hours at 20 °C and 60% HR.
Time of previous reaction:	15 minutes, at 20 o C
Pot-life:	2 hours at 20 °C
Application:	Airless or Aerographic gun
VOC supply:	375 g/l.
Indicated thinner:	ACE PUR Solvent. If applicated by brush an anti-frothing additive is required
Presentation:	Sets of 15+5 kg
Colours available:	Blue RAL 5012, Blue RAL 5017 and WHITE. Other colours available upon request.

## **SURFACE PREPARATION**

### **METALLIC SUBSTRATES AND CONCRETE**

Use always on properly primed substrates.

### **ELASTOMERIC SURFACES**

Elastic membranes of polyurethane or polyurea must be 100 % cured, dry and clean (free of dust, grease or any other contaminant).

## **APPLICATION CONDITIONS**

As all coatings and paints, the application must be made on firm and dry substrates, and the temperature of the surface must be at least 3 °C over the Dew point.

Minimum air temperature 10 °C and maximum R.H 80%.

## **METHOD OF APPLICATION**

The system is delivered in two separated drums . First remove thoroughly the content of the drum of component "A", adding the content of the drum of component "B", waving the mixture up to obtaining a homogeneous product.

The application is recommended by AIRLESS

Dilute with 5 % 10 % of ACE PUR Solvent according to power of the equipment Nozzle 0,007" to 0,11"

Pressure on nozzle: 180 - 200 Kgs/cm 2

Application by brush is only is advisable for retouches and an antifothing additive is needed

Application by roller is not recommended.

## **CHARACTERISTICS OF THE DRY FILM**

Great adherence and good resistance to the abrasion.

Excellent stability to the light and UV.

It resists temperatures of up to 80°C in dry and 60°C In water.

Excellent resistance to the water, detergents and oils.

**The membrane can not be in permanent contact with the water before 7 days from application.**

## OBSERVATIONS

After the application, the drums will be kept well closed and residues will not be thrown through the outlets. The elimination of the empty drums will be realized in agreement with local law, and final holder is responsible for that.

Stability of storage: 1 year in his original closed drums and in good conditions.

## IMPORTANT INFORMATION AND SAFETY PRECAUTIONS

Liquid irritate skin and eyes. Use chemical goggles, protective clothing and rubber gloves when working with chemical components. Vapor and spray mists may be harmful. Use only with exhaust ventilation and a positive pressure air supplied full-face respirator. Don not use if you have chronic breathing problems or if you have had a reaction to isocyanates.

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