



## TECHNICAL NOTICE

### POLYURETHANE ACRYLIC ENAMEL ANJOCARBON MX

**Usage description:**

Two-component paint/base indicated for general or partial painting of automotive vehicles and fleets. It has excellent resistance to weathering, color retention and is highly glossy. Available to be used use in the Anjo Mix Machine system in plain colors.

- ❖ **Note:** The Anjo Mix Machine system, together with the Hyperion Software, is a system that offers national and imported automotive color formulas.

**Composition:**

Acrylic resin, organic and inorganic pigments, solvents and additives.

**Supply packaging:**

Available in 900 ml and 3.6 L packages (according to each base).

**Expiration:**

36 months.

**Catalysis and/or Dilution:**

**Concentrated Hyperion System Option:**

2 parts by volume of Anjomix Polyurethane  
1 part by volume of Catalyst for Polyurethane  
20-30% of Carbon Thinner for Polyurethane

**Diluted Hyperion System Option:**

3 parts, by volume, of Anjomix Polyurethane  
1 part by volume of Catalyst for Polyurethane

**Note:**

- ❖ For temperatures below 20°C, the Catalyst for Polyurethane and Carbon Polyurethane Varnish HS low temperature CT0116 and Carbon Thinner for Polyurethane for low temperatures TH5002 are recommended.
- ❖ For temperatures between 20 and 30°C, the Catalyst for Polyurethane and Carbon Polyurethane Varnish HS CT0117 and Carbon Thinner for Polyurethane TH5003 are recommended.
- ❖ For temperatures above 30°C, the Catalyst for Polyurethane and Carbon Polyurethane Varnish HS low temperature CT0118 and Carbon Thinner for Polyurethane for high temperatures TH5004 are recommended.

The pot life of the mixture is 2 hours at a temperature of 25°C and at 60% relative humidity. For temperatures other than those mentioned, the value established above tends to be different from the specification.

**Surface preparation:**

Before applying the product, clean the surface to be painted, removing loose parts, rust and oiliness with Anjo Degreaser. On surfaces that require repairs, do so using Anjo polyester spackling putties. Then, use Anjo Polyurethane Primer. Sand the primer after complete drying, with 320, 400 and 600 grain sandpaper. Clean with Anjo Degreaser Solution and then apply the product.

We recommend using a dust cloth before applying the paint.

**Application:**

Mix the product well before use. Adjust the spray gun pressure from 40 to 50 lb/in<sup>2</sup>. Apply 3 to 6 coats with an interval of 5 to 10 minutes between coats. Recommended nozzle: 1.3 to 1.4 mm.

Before application, make sure that the equipment and its components are clean and decontaminated.

Purge the compressed air line to prevent contamination.

After the product is catalyzed, if stops occur during application and the pot life of the mixture is exceeded, it cannot be diluted again for later application.

During application, overlap 50% of each spray gun coat on the previous layer to avoid uncovered areas. Finish with a cross coat.

**Note:**

- ❖ Do not apply with humidity above 80%
- ❖ Do not let the catalyzed product remain in contact with hoses, spray guns and equipment used in the application;

- ❖ Clean all equipment used after application;
- ❖ For use as a finish, check the color before applying it on the vehicle;
- ❖ If stretching is necessary, evaluate the influence of the background color on the applied color.

## Drying:

### In air at 25°C:

Dust free: 30-40 minutes  
 Handling 2 - 3 hours  
 Final 24 hours

**After drying for 24 hours, polishing is recommended, which can be done manually or with a polisher.**

### In an oven at 60°C

30 – 45 Minutes

### Note:

- ❖ As it is a chemical reaction curing product, curing may be delayed at low temperatures. A minimum temperature of 15°C must be ensured during curing.

## Safety recommendations:

Before handling this product, it is essential to carefully read all the information contained in its material safety data sheet (MSDS), available on our website or request it directly from our Customer Service (0800 487 777).

Surface preparation, handling and use of paint during painting and drying, since these are flammable products, must be carried out in ventilated spaces, away from flames, sparks or excessive heat, using the personal protective equipment (PPE) appropriate for the step to be performed. Contact with the skin can cause irritation.

If ingested, do not induce vomiting. In case of contact with eyes, rinse thoroughly with water. In either case, seek medical attention immediately.

Do not smoke in the work area.

Make sure that the electrical installations are perfect and do not produce sparks.

Do not use thinner to clean the skin, hands or other parts of the body. To clean hands use alcohol, then wash with water and appropriate cleaning pastes.

In case of fire, use CO<sub>2</sub> or chemical powder extinguishers. It is not recommended to use water to extinguish the fire produced by burning paint.

The storage of paints and thinners must be done in ventilated places and protected from weathering. The temperature can range from 10 to 40°C.

If symptoms of intoxication occur due to the inhaling of chemical vapors, the intoxicated person must be immediately removed from the workplace to ventilated areas.

In case of fainting, call a doctor immediately.

Product intended for use and handling by professionals connected to the painting industry.

The application and use of this product must be carried out in accordance with all National Health, Safety and Environmental standards and regulations.

If it is necessary to remove the already applied and hardened paint from the substrate, the operator and individuals in the same environment must use the appropriate personal protective equipment (PPE) as indicated in the material safety data sheet (MSDS).

**Comments:**

The spreading rate of this product in practice will vary according to the thickness applied, method and application technique, the type and roughness of the substrate and environmental conditions, etc.

The values found for the drying tests were obtained in the laboratory at a temperature of 25°C and at 60% relative humidity. In temperatures other than those mentioned, the values established above tend to be different from those specified.

The instructions contained in these specifications are based on our experience and technical knowledge; however, some factors are beyond our control as a manufacturer, such as: surface preparation, application, working conditions, etc.

The use of Thinners and Catalysts other than those specified without prior approval from Anjo may affect product performance and void product warranty.

We take no responsibility for material and personal damage caused by the misuse of the information contained in these specifications and of the products mentioned.

These specifications are subject to change without prior notice.