

# ACRYLIC WATERBASED CLEARCOAT

Code R09.01.0030.0

## PRODUCT DESCRIPTION

Acrylic waterbased clearcoat.

## APPLICATION FIELDS

Acrylic hydrothineable bicomponent product, with high flexibility, adhesion and structuring effect for internal and external exposure, crosslinkable with non-yellowing aliphatic polyfunctional isocyanates. Good resistance to chemical and weather agents, good corrosion resistance and excellent water repellency. Used for the protection and finishing of artifacts including: vehicles, tanks and containers and chemical plants.

## FEATURES

- Fullness, brightness and flow
- Excellent mechanical and thermal resistances
- Excellent adhesion in direct application on metals, cement and various plastics materials.

Dry content component A	37% ± 1%	(Internal system)
Viscosity CF <sup>4</sup> at 20° C	40" ± 5"	(UNI EN 535)
Specific gravity	1080 g/l ± 20	(UNI 8910)
Theoretical coverage	5-6 m <sup>2</sup> /kg	
The coverage depends on the application technique, required thickness and shape of the artifact to be painted.		
Recommended thickness	100 µm	Per-hand, on moist
Film appearance (40 µm dry)	90±5	Gloss at 60°
Impact resistance (Fe,Al)	Direct 30 p.i reverse 20 p.i.	(UNI 8901)
Adhesion	classification 0	(UNI 2409)
(The edges of the cuts are perfectly undamaged: no small square came off)		
Catalysis ratio A:B (w/w)	100:40	With catalyst R61.01.990.0 (slow) Or R61.01.991.0 (fast)
Thinner	5-10%	Demineralized water
Vix jet C.F4 at 20°C	18-21"	
Pot-life (according to the catalyst)	2 – 4 hours	At 20°C



## PREPARATION FOR APPLICATION

Dilute component A with water in a suitable percentage, mix, then add component B in the proper ratios. Let the air release for few minutes.

Use appropriate filters for the application.

Apply the product uniformly. Avoid applying wet paint thicker than 100-110 microns. The application must be carried out on articles with a temperature of more than 10 ° C perfectly clean, free from any traces of oils and greases.

## APPLICATION

	Mix component A+D+B as indicated in the expected reports.		
	<b>Conventional spray</b> Nozzle 1,5/1,8 Pressure: 3,5/4 atm	<b>THINNER</b> Demineralized water 5-10%	<b>Vix of application Cup F4 at 20°C</b> 18-21"



The user must indicate the values of resistance or conductivity of his system.

This is necessary in order to optimize the application of the product by adapting it to the characteristics of the paint system.

It is recommended to use the product at temperatures above 5 °C. and with low humidity.

After mixing the catalyst, rest the mixture for about 3-5 minutes before use.

## DRYING

<b>Air</b>		Dust free	60'	20°C
		Tack free	2-3 h	20°C
		Complete hardening	12-16 h	20°C
<b>Oven</b>		Flash-off	10' - 15'	20°C
		Hardening	1 h	60°C

## STOCKING



Keep the product in a cool place



Shelf life: 6 months in intact containers



Sensitive to moisture

## NOTES

For any other information, please refer to the appropriate Material Safety Data Sheet.

**IMPORTANT NOTE:** The information in this sheet are not intended to be exhaustive and is based on our current knowledge and on current laws: anyone who uses the product for purposes other than those specifically recommended in the data sheet without first obtaining written permission, does it at his/her own risk. This information is given only as a guide and cannot engage the responsibility of our company nor provide a pretext for disputes of any kind that might still be associated with the use of the described products. Any suggestions or statements made by us regarding the product (in this sheet and in other ways) are correct to the best of our knowledge, however, are beyond our control the quality or state of the substrate or the many external factors affecting the use or application of the product. Consequently, in the absence of a specific written agreement, we accept no liability for product performance or for any loss or damage caused by it. All products and the technical advices provided are subject to our standard terms and conditions of sale. The information contained in this form are subject to periodic changes in the light of experience and our policy of continuous development. It is user's responsibility to check that this sheet is current prior to using the product.