



www.zetagi.it

zetagi

Veneziani

## INDUSTRIAL COATINGS

Issued 08.01.2009

### RETRON ACRILICO UV Enamel, series 778104

#### Description and main features

Two pack clear, semi-gloss polyurethane enamel.

UV absorbers allow an excellent protection against yellowing. Excellent flexibility, hardness; good colour and gloss retention; good resistance to weathering. It can be applied on steel and concrete. Curing Agent 730034 improves the chemical resistance of the product.

**Recommended use:** as a single coat protection of the steel, as a finish coat on top of acrylic or epoxy primers in severely corrosive environments, as a finish coat on metallic primers to improve their aesthetic

#### Technical data

<b>Finish</b>	Semi-gloss
<b>Color</b>	Clear
<b>Specific gravity</b>	0,94 ± 0,05 kg/dm <sup>3</sup> at 23 °C, referring to the cured product according to ISO 2811-1 (*)
<b>Solid content</b>	<b>By weight</b> 31 ± 3% referring to the cured product
	<b>By volume</b> 28 ± 3% referring to the cured product (*)
<b>VOC</b>	690 g/kg referring to the cured product (*)
<b>Viscosity</b>	On the base at 23 °C DIN cup n°4: 15-25" according to ISO 2431 (*) (**)
<b>Drying time</b>	At 20 °C ,50% RH, good ventilation, DFT 50 µm <b>Touch dry:</b> 15 h <b>Hard dry:</b> 32 h <i>Touch dry: according to internal method MS 035 based on ISO 4622</i> <i>Hard dry: according to internal method MS 036 based on ISO 4622 (*)</i>
	<i>Drying times can vary depending on DFT and environmental conditions</i>

#### Mixing and thinning

<b>Mixing ratio</b>	<b>By weight:</b> 100:25 with 730021 <b>By volume:</b> 4,5:1 with 730021 <i>Mix carefully before and after the curing process</i>
<b>Pot life</b>	> 6 h at 20 °C. <i>Data vary with temperature and thinning.</i>
<b>Thinning</b>	<b>Ready to use</b> For specific needs: 0-5% by Thinner 900033 or 901040 winter type 0-5% by Thinner 903015 or 901042 summer type 0-5% by Thinner 903014 slow <i>Chose the thinner according to the environmental and application conditions in order to allow at least 5-10' drying time.</i>



www.zetagi.it

**zetagi**

**Veneziani**

## INDUSTRIAL COATINGS

### Application data

<b>Method</b>	Airless or air mix	
<b>Airless or air mix</b>	<b>Pump ratio</b>	30:1
	<b>Nozzle orifice</b>	011-013"
	<b>Nozzle pressure</b>	140-180 atm
	<i>Filters must fit the used nozzle.</i>	
<i>Indicative data; it is the user's responsibility to choose the right equipment.</i>		
<b>Application conditions</b>	Application suggested between 5°C and 30°C and at least 3°C above dew point. Substrate perfectly dry and clean, no rain nor fog. It can be over coated by itself further to surface cleaning and slight roughening.	

### Recommended DFT

<b>Recommended DFT</b>	25-50 µm
<b>Theoretical consumption</b>	approx. 80-160 g/m <sup>2</sup> referring to the cured product (*)
<b>Practical spreading rate</b>	30-40% lower than the theoretical, by airless application.
<b>Number of coats</b>	ONE

### Storage indications

Shelf life: 12 months (base only: 18 months), provided the cans are kept sealed and undamaged, into a cool and dry place with temperature between 5 and 35°C.

### Usability according to DL 27.03.2006 n°161

For applications not ruled by D. lgs n° 161/2006 only

(\*) indicative value, depending on the color - (\*\*) parameters subject to testing for each batch

*The information in this data sheet about the use of our products are based on our present scientific knowledge and practice. Zetagi accepts no commitment and / or responsibility on the final result of the work with our products. It is the customer's responsibility to verify the suitability of our products for the intended use. All the products and the advice given are subject to our general conditions of sale which we recommend you to request and read carefully. This data sheet replaces and annuls the previous ones: it is the user's responsibility to ensure that this sheet is updated prior to using the product. This data sheet is a translation; the Italian text of this document shall prevail over any translation thereof.*