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**zetagi**

**Veneziani**

## INDUSTRIAL COATINGS

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### RETRON ACRILICO Enamel, series 777051

#### Description and main features

Two pack, high gloss, clear polyurethane enamel.

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>	Glossy, above 85 gloss, according to ISO 2813 (*) (**)
<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> 36 ± 3% referring to the cured product (*)
	<b>By volume</b> 33 ± 3% referring to the cured product (*)
<b>VOC</b>	640 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> 36 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> 4:1 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>



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### Application data

<b>Method</b>	Airless o 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 chose 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>	30-60 µm
<b>Theoretical consumption</b>	approx. 85-170 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

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