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## INDUSTRIAL COATINGS

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### AGRIZAN EXTRA, series 168.000

#### Description and main features

Fast dry enamel based on modified short oil alkyd resins.

Good hiding power, wetting properties and resistance to weathering; it features good corrosion protection and gloss retention even in industrial environment. It shows a good resistance to bleaching due to water even in wet film conditions.

**Recommended use:** as a finish coat on top of a two pack acrylic primer or other suitable primer; it can be also applied on bare steel.

#### Technical data

<b>Finish</b>	Glossy, above 85 gloss, according to ISO 2813 (*) (**)
<b>Color</b>	RAL shades - Other shades on request (*) (**)
<b>Specific gravity</b>	1,24 ± 0,05 kg/dm <sup>3</sup> at 23°C, referring to 168120 RAL 7035 according to ISO 2811-1 (*)
<b>Solid content</b>	<b>By weight</b> 65± 3% referring to 168120 RAL 7035 (*)
	<b>By volume</b> 52 ± 3% referring to 168120 RAL 7035 (*)
<b>VOC</b>	350 g/kg referring to 168120 RAL 7035 (*)
<b>Viscosity</b>	At 23°C DIN cup n°4 : 120-180" according to ISO 2431 (*) (**)
<b>Drying time</b>	<i>At 23°C ,50% RH, good ventilation, DFT 60 µm, referring to 168120 RAL 7035</i> <b>Touch dry:</b> 48 h according to internal method MS 035 based on ISO 4622 <b>Hard dry:</b> 56 h according to internal method MS 036 based on ISO 4622 (*)
	<i>Drying times can vary depending on DFT and environmental conditions</i>

#### Thinners

<b>Thinning</b>	10-15% by Thinner 900033 or 901040 winter type 10-15% by Thinner 903015 or 901042 summer type 10-15% 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 or air mix <i>Roller or brush application not recommended for metallic shades; for other shades specific curing agent and thinners must be used.</i>	
<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>Suggested Primers</b>	Acrylic Primers series 773.000, Primer series 194.000.	
<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. The product can be over coated by itself only wet on wet.	

### Recommended DFT

<b>Recommended DFT</b>	50-70 µm
<b>Theoretical consumption</b>	Approx. 120-165 g/m <sup>2</sup> referring to 168120 RAL 7035 (*)
<b>Practical spreading rate</b>	30-40% lower than the theoretical, by airless application.
<b>Number of coats</b>	ONE <i>Some very clear shades such as RAL 1021-2004-3020 etc. may require two coats to achieve an even coverage, mostly on dark primers and uneven surfaces.</i>

### Storage indications

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

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

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