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## INDUSTRIAL COATINGS

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### Textured Epoxy Enamel, series 705.000

#### Description and main features

Two pack polyamide epoxy enamel with textured effect.

High chemical and physical strength. To be used with C.A. 701455.

**Recommended use:** as a finish coat on top of an epoxy primer or on bare steel. Indoor use is suggested to avoid chalking.

#### Technical data

<b>Finish</b>	Textured
<b>Color</b>	RAL shades - Other shades on request (*) (**)
<b>Specific gravity</b>	1,34 ± 0,05 kg/dm <sup>3</sup> at 23 °C, referring to 705602 RAL 5009 cured with 701455 according to ISO 2811-1 (*)
<b>Solid content</b>	<b>By weight</b> 70± 3% referring to 705602 RAL 5009 cured with 701455
	<b>By volume</b> 55± 3% referring to 705602 RAL 5009 cured with 701455
<b>VOC</b>	300 g/kg referring to 705602 RAL 5009 cured with 701455 according to ISO 2811-1 (*)
<b>Viscosity</b>	Brookfield on the base at 23 °C (spindle 4, 0.5 RPM) : > 200.000 mPas according to internal method MS 007 (*) (**)
<b>Drying time</b>	At 23 °C ,50% RH, good ventilation, referring to 705602 RAL 5009 <b>Touch dry:</b> 10-20 h (*)
	<i>Drying times can vary depending on DFT and environmental conditions</i>

#### Mixing and thinning

<b>Mixing Ratio</b>	<b>By weight:</b> 100:20 with 701455 <b>By volume:</b> 3:1 with 701455 <i>Mix carefully before and after the curing process</i>
<b>Pot life</b>	> 8 h at 20 °C - <i>Data vary with temperature and thinning.</i>
<b>Thinning</b>	0-15% by Thinner 900033 or 901040 winter type 0-15% by Thinner 903015 or 901042 summer type 0-15% 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>	Air mix or airbrush	
<b>Airmix</b>	<b>Pump ratio</b>	100:30
	<b>Nozzle orifice</b>	/
	<b>Nozzle pressure</b>	/
	<i>Filters must fit the used nozzle.</i>	
<i>Indicative data; it is the user's responsibility to chose the right equipment.</i>		
<b>Suggested Primers</b>	Primer epoxy series 706.000. It may be used as primer-finish.	
<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. Temperatures below 5°C and high RH can impair the film formation. Best used when the 1 <sup>st</sup> coat is diluted by 15% and the 2 <sup>nd</sup> is diluted up to 5% according to the desired textured effect. The product can be over coated by itself any time after a careful cleaning or a light roughening. Data vary with DFT and environmental conditions	

### Recommended DFT

<b>Practical spreading rate</b>	Variable according to thinning and texture
<b>Number of coats</b>	TWO <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 (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

No limitations. It belongs to category **j**) Two component, high performance solvent based paints.  
2010 limit = 500 g/l



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

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