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## INDUSTRIAL COATINGS

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### RETRON AS Lining, series 738.500/accelerated

#### Description and main features

Solvent free, high build polyurethane lining. Good adhesion to steel, excellent hardness, very good chemical and impact resistance. Application by bi-mixer equipment.

**Recommended use:** as a one coat lining for buried tanks

#### Technical data

<b>Finish</b>	Glossy
<b>Color</b>	Grey code 738501. Other shades on request (*)
<b>Specific gravity</b>	1,43 ± 0,05 kg/dm <sup>3</sup> at 23°C, referring to 738501 RAL 7042 cured (*)
<b>Solid content</b>	<b>By weight</b> 100% referring to 738501 RAL 7042 cured (*)
	<b>By volume</b> 100% referring to 738501 RAL 7042 cured (*)
<b>Viscosity</b>	On the mix at 23°C DIN cup n°8 : 60 - 90" according to ISO 2431 (*) (**)
<b>Drying time</b>	<i>At 23 °C ,50% RH, good ventilation, DFT 400 µm</i> <b>Touch dry:</b> 2 h according to internal method MS 035 based on ISO 4622 <b>Hard dry:</b> 10 h according to internal method MS 036 based on ISO 4622 (*)
	<i>Drying times can vary depending on DFT and environmental conditions</i>

#### Mixing and thinning

<b>Mixing ratio</b>	<b>By weight:</b> 100:28 with 730051 <b>By volume:</b> 3:1 with 730051 <i>Mix carefully before and after the curing process</i>
<b>Pot life</b>	A few minutes at 20°C.
<b>Thinning</b>	Ready to use

#### Application data

<b>Method</b>	Airless by bi-mixer pump	
<b>Bi-mix</b>	<b>Pump ratio</b>	60:1
	<b>Nozzle orifice</b>	021-023"
	<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>		



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<b>Suggested Primers</b>	None
<b>Application conditions</b>	Application suggested between 10°C and 30°C and at least 3°C above dew point. Substrate perfectly dry and clean, no rain nor fog.

### Recommended DFT

<b>Recommended DFT</b>	800-1000 µm
<b>Theoretical consumption</b>	approx. 1144 -1430 g/m <sup>2</sup> referring to 738501 RAL 7042 cured (*)
<b>Practical spreading rate</b>	30-40% lower than the theoretical, by airless application.
<b>Number of coats</b>	ONE or more if the tanks is stationary or rotating

### Specific tests

#### Dielectric strength

The product complies with EN 12285-1:2003 (E) at 800 µm DFT.

### 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

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

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