



**akrylmetal**  
BY SYNPO

# ENAMEL LV EM 050

**Two-Component PUR Acrylic Glossy Enamel, High Solids, NANO  
Containing silica**

<b>Usage</b>	Topcoat for high scratch and abrasion resistant application				
<b>Color shades</b>	According to RAL or samples				
<b>VOC g/l</b> (Content of organic solvents in mixed coating)	< 360 (Category - B/d)				
<b>Substrate</b>	Perfectly cleaned and degreased surfaces				
<b>Hardening</b>	4 : 1 parts by volume - LV BU 75 N or 2.5 : 1 parts by volume - LV BU 45 N				
<b>Thinning</b>	5 – 20 % (v/v) Thinners LV PC 342, LV PC 177				
<b>Consistence of mixed coating</b>	19 - 23 s/4mm at 20 °C				
<b>Coverage of mixed coating</b>	8 - 10 m <sup>2</sup> /lt				
<b>Application</b>	HVLP				
<b>Number of sprays</b>	2 - 3, flash time between layers 20 - 30 min				
<b>Recommended thickness</b>	50 - 80 µm				
<b>Pot life of mixed coating</b>	4 hours at 20° C				
<b>Drying</b>	6 hours at 20 °C, 40 – 50 min at 60°C, 30 - 40 min at 60 °C				
<b>Product density</b> g/cm <sup>3</sup>	<b>Content of organic solvents</b> kg/kg	<b>Content of total organic carbon</b> kg/kg	<b>Content of non-volatile compounds – solids</b> % (v/v)	<b>Solids volume in application mixture</b> % (v/v)	<b>Content of heavy metals</b>
1.26	0.250	0.180	60	55	none
<b>Caution</b>	When handling the product follow all safety precautions indicated in the Material Safety Data Sheet and the label. Flammable liquid, Hazard Class II. Contains organic solvents. Store in a dry place at temperatures from 10 °C to 25 °C.				

SYNPO, akciová společnost  
S. K. Neumanna 1316, 532 07 Pardubice, Czech Republic  
Tel: +420 466 067 250 Fax: +420 466 067 260  
e-mail: [akrylmetal@synpo.cz](mailto:akrylmetal@synpo.cz)

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