



akrylmetal
BY SYNPO

ENAMEL LV EM 100

Acrylic Glossy Baking Enamel, High Solids

Usage	Topcoat for metallic parts suitable especially for finishing of vehicle bodies and high-quality industrial coating				
Color shades	According to RAL, SYNPO color scales, car brands or samples specimens				
Other types produced	LV EM 102 - Matt				
VOC g/l (Content of organic solvents in mixed coating)	< 420 (Category - B/d)				
Substrate	AKRYLMETAL paints: Fillers LV PL and AQ PL				
Hardening	1. 3 : 1 parts by volume – hardener LV BU 45 N – for baking at normal temperature 2. 2 : 1 parts by volume - hardener LV BU 035 – for baking at 140°C				
Thinning	0 – 5 % (v/v) Thinner LV PC 177				
Consistence of mixed coating	18 ¹⁾ – 35 ²⁾ s/4mm at 20 °C				
Coverage of mixed coating	8 - 10 m ² /lt				
Application	HVLV ¹⁾ , AIRLESS ²⁾				
Number of sprays	2 - 3, flash time between layers 30 min at 20 °C				
Recommended thickness	40 - 60 μm				
Pot life of mixed coating	1. 4 hours at 20 °C with hardener LV BU 45 N 2. Unlimited with hardener LV BU 035				
Baking	40 min at 140°C				
Product density g/cm ³	Content of organic solvents kg/kg	Content of total organic carbon kg/kg	Content of non-volatile compounds – solids % (b.v.)	Solids volume in application mixture % (b.v.)	Content of heavy metals
1.17	0.35	0.26	54	50	none
Caution	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.				

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