



akrylmetal
BY SYNPO

ENAMEL LV EM 010

Two-Component PUR Acrylic Glossy Enamel, High Solids

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|--|--|---|---|--|--------------------------------|
| Usage | Topcoat for metallic and plastic items suitable especially for finishing of car bodies and high-quality industrial coating. | | | | |
| Color shades | According to RAL, SYNPO scales, motor car makes or according to samples | | | | |
| Other types | 114 - antigraffiti | | | | |
| VOC g/l (Content of organic solvents in mixed coating) | < 420 (Category - B/d) | | | | |
| Substrate | AKRYLMETAL paints: Filler LV PL, acrylic base coat LV AKZ, epoxy LV EPS | | | | |
| Hardening | 3 : 1 parts by volume Hardener LV BU 45 N | | | | |
| Thinning | 0 – 5 % (v/v) Thinners LV PC 244, LV PC 342, LV PC 177, according to working environment's temperature | | | | |
| Consistence of mixed coating | 18 ¹⁾ – 35 ²⁾ s/4mm at 20 °C | | | | |
| Coverage of mixed coating | 8 - 10 m ² /lt (at 50 µm dry film) | | | | |
| Application | HVLP 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 | 6 hours at 20 °C | | | | |
| Recommended addition of accelerator | At 15 – 19 °C, add 10 ml of accelerator LV BU 01 U for 1 l of paint (one content of the container lid); At 12 – 15 °C add 20 ml of accelerator LV BU 01 U for 1 l of paint (one content of the container lid); NOTE: Addition of accelerator at temperatures above 20 °C results in decrease of pot life to 2 – 3 hours. | | | | |
| Drying | 3 hours at 20 °C, 30 - 40 min at 60 °C, 20 - 30 min at 80 °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 % (v/v) | Solids volume in application mixture % (v/v) | Content of heavy metals |
| 1.17 | 0.4 | 0.29 | 49 | 44 | 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. | | | | |