



akrylmetal
BY SYNPO

LV AKZ 421

Two-Component PUR-Acrylic Filler and Topcoat

Usage	Single layer matt and semi-matt topcoats for plastics				
Shades	RAL scale				
VOC g/l (Content of organic solvents in mixed coating)	< 420 (Category - B/d)				
Other types		HVLP	AIRLESS	Roller, brush	
	Standard	AKZ 421	AKZ 421-B	AKZ 421-S	
	Structural	AKZ 423			
	Antigraffiti	AKZ 424	AKZ 424-B	AKZ 424-S	
Substrate	Completely derusted and degreased plastic surfaces				
Hardening	6 : 1 parts by volume, or 7 : 1 parts by weight Hardener LV BU 45 N				
Thinning	0 – 5 % b.v. Thinners LV PC 244 or LV PC 342				
Consistence of mixed coating	20 ¹⁾ - 40 ²⁾ s/4mm at 20 °C				
Coverage of mixed coating	8 - 10 m ² /kg				
Application	HVLP ¹⁾ , AIRLESS ²⁾ , roller, brush				
Recommended materials for repairs	PUR putties for major surface damage, scratches Filler Akrylmetal LV PL 350 for slight surface damage – slight scratches				
Number of sprays	2, flash time between layers 20 min at 20 °C				
Recommended thickness	60 - 80 µm				
Pot life of mixed coating	6 hours at 20 °C				
Recommended addition of accelerator	At temperatures 15 – 19 °C, add 5 ml of LV BU 01 U for 1 l of paint (half content of the container lid); At temperatures 12 – 15°C add 10 ml of LV BU 01 U for 1 l of paint (half content of the container lid) NOTE: Addition of an accelerator at temperatures > 20 °C causes shortening of pot life to 2 – 3 hours				
Drying	4 hours at 20 °C, 30 min at 60 °C				
Product density g/cm³	Content of organic solvents kg/kg	Content of total organic carbon kg/kg	Content of non-volatiles - solids % b.v.	Solids volume in application mixture % b.v.	Content of heavy metals
1.19	0.42	0.36	49	38	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.				