

650 TPC-PUR

2K PUR Topcoat, semi-glossy

Resin base: 2-component PU resin

















Products needed:	<div> <div>Pastes</div> <div>GJ50-</div> </div> <div> <div>Converter</div> <div>GK44-2202/ GK44-2502 F.W.</div> </div> <div> <div>Converter/Pastes</div> <div>65:35 / 98:2</div> </div> <div> <div>Hardener</div> <div>SC29-0863 Normal</div> <div>SC27-0500 Fast</div> </div> <div> <div>Thinner</div> <div>SV13-0732 Fast</div> <div>SV13-0701 Normal</div> <div>SV15-0339 Slow</div> </div>		
Application and properties:	<div> <div>2K PUR Topcoat, semi-glossy</div> <ul style="list-style-type: none"> • very good build and flow • good weathering, yellowing resistance and hardness • good drying • brilliant top coat appearance • flame-retardant according to IMO Res. MSC.307(88) (FTP code 2010), Annex 1, part 5. The surface material with low flame-spread characteristics does not apply to pipes, pipe coverings or cables </div>		
Substrates/Pre-treatment: Well-cured old paintwork Undercoats	<div> <div>Cleaning</div> <div>SV20-0505</div> </div> <div>650 TPC-PUR can be used for all Salcomix primers.</div>	<div> <div>Sanding</div> <div>P240-360</div> </div>	<div> <div>Final cleaning</div> <div>SV20-0505</div> </div>
Product details:	<div> <div>650 semi glossy offers similar properties as 648 full gloss. Application area would be general metal industry (production and maintenance).</div> <div>Gloss level of 45 –50 can be obtained by using hardener SC27-0500 and following flash off between the spray coats (10-15 min.) and before oven drying (30 min.)</div> <div>Using of hardener SC29-0863 leads to a higher gloss level. Different colours also influence the gloss.</div> <div>Less weather and chemical resistivity with hardener SC27-0500.</div> </div>		
Special Remark:	<div> <div>It cannot be ruled out that this product contains particles < 0.1 µm</div> <div>The products are suitable for professional use only.</div> </div>		

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**Application:** 2C solid Topcoat, semi-glossy**Remarks:** Values reg. VOC, coverage, solid content and viscosity are based on a mixing ratio by Vol. mit SC29-0863. Select thinner acc. ambient temperature and size of object to be painted.

	Paint system	650 TPC-PUR 2K Topcoat				
	VOC	Theor. Coverage at 1 µm (RAL3000/9010)			Solid Content	
	512-554 g/l	378/340 m²/kg 431/430 m²/L			50-60 % Gew.	
	Check Color prior application		Weigh in according to mixing formula (colour):			
	Mixing ratio	650 TPC-PUR	100 % by weight		3 Vol.	2 Vol.
	Hardener	SC29-0863	30 % by weight	-	1 Vol.	-
		SC27-0500	-	40 % by weight	-	1 Vol.
	Thinner	SV13-0732 SV13-0701 SV15-0339	15 % by weight	30 % by weight	1 Vol.	30 %
	Viscosity at 23°C DIN 4		Film Thickness (DFT)		Potlife 20°C	Gloss at 60°
	3:1:1 Vol. 15-18 sec. 3:1:0.5 Vol. 18-20 sec. 3:1:0.25 Vol. 23-27 sec.		50-60 µm (2-3 coats) flash off 10-15min. Between		3-4 h	~ 50 ± 10
	Application		Viscosity (sec)	Mixing ratio	Spraying Pressure (bar)	Nozzle (mm)
	Compliant Gun		15-18	3:1:1	< 2.5	1.3-1.4
	HVLP		15-18	3:1:1	~ 2	1.3-1.5
	Suction Cup		15-18	3:1:1	2-3	1.4-1.7
	Airless / Airmix		23-27	3:1:0.25	120-150	0.23-0.28
	Double Diaphragm or Pressure Pump		15-18	3:1:1	< 4	1.0-1.1
	Brush & Roll		6:1 + 5% SC29-0823 & GK69-0903			
	Drying at Object Temp.	dust-dry	Touch Dry	Ready for Assembling	trough dry	Recoatable
20°C (-0863)		40 min	3-4 h	12 h	7-10 Days	< 5 days
60°C (-0863)		-	30 min	60 min	-	-