

# 648 TPC-PUR 2K PUR Topcoat

Resin base: 2-component PU resin

















<b>Products needed:</b>	<table><tr><td>Pastes</td><td>GJ50-</td><td></td></tr><tr><td>Converter</td><td>GK44-2101/</td><td>GK44-2402 F.W.</td></tr><tr><td>Converter/Pastes</td><td>65:35</td><td>/ 98:2</td></tr><tr><td>Hardener</td><td>SC29-0863 Normal</td><td></td></tr><tr><td></td><td>SC29-0885 Slow</td><td></td></tr><tr><td></td><td>SC27-0500 Fast</td><td></td></tr><tr><td>Thinner</td><td>SV13-0732 Fast</td><td></td></tr><tr><td></td><td>SV13-0701 Normal</td><td></td></tr><tr><td></td><td>SV15-0339 Slow</td><td></td></tr></table>	Pastes	GJ50-		Converter	GK44-2101/	GK44-2402 F.W.	Converter/Pastes	65:35	/ 98:2	Hardener	SC29-0863 Normal			SC29-0885 Slow			SC27-0500 Fast		Thinner	SV13-0732 Fast			SV13-0701 Normal			SV15-0339 Slow	
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<b>Application and properties:</b>	<b>2K PUR Topcoat</b> <ul style="list-style-type: none"><li>• very good build and flow</li><li>• good weathering, yellowing resistance and hardness</li><li>• good drying</li><li>• brilliant top coat appearance</li><li>• 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</li></ul>																											
<b>Substrates/Pre-treatment:</b> Well-cured old paintwork Undercoats	<table><tr><td><b>Cleaning</b></td><td><b>Sanding</b></td><td><b>Final cleaning</b></td></tr><tr><td>SV20-0505</td><td>P240-360</td><td>SV20-0505</td></tr></table> <p>648 TPC-PUR can be used for all Salcomix primers.</p>	<b>Cleaning</b>	<b>Sanding</b>	<b>Final cleaning</b>	SV20-0505	P240-360	SV20-0505																					
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<b>Product details:</b>	<p>648 offers a good glossy level and fullness with good abrasion resistance. Typical field of application would be general metal industry (production and maintenance).</p> <p>SC29-0885: Hardener Slow improves levelling on larger surfaces and increases also the spraying safety at high ambient temperatures.</p> <p>SC27-0500: Hardener Fast leads to less weather and chemical resistance compared to SC29-0863 and -0885</p>																											
<b>Special Remark:</b>	<p>It cannot be ruled out that this product contains particles &lt; 0.1 µm</p> <p>The products are suitable for professional use only.</p>																											

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**Application:** 2C solid Topcoat, 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	648 TPC-PUR 2K Topcoat				
	VOC	Theor. Coverage at 1 µm (RAL3000/9010)			Solid Content	
	511-563 g/l	403/363 m²/kg		413/431 m²/L	44-57 % Gew.	
	Check Color prior application		Weigh in according to mixing formula (colour):			
	Mixing ratio	648 TPC-PUR	100 % by weight		3 Vol.	2 Vol.
	Hardener	SC29-0863 SC29-0885	30 % by weight	-	1 Vol.	-
		SC27-0500	-	45 % by weight	-	1 Vol.
	Thinner	SV13-0732 SV13-0701 SV15-0339	20 % 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.17-20 sec. 3:1:0.5 Vol.20-30 sec.		50-60 µm (2-3 coats) flash off 5-10 min. between		4-5 h	> 90
	Application		Viscosity (sec)	Mixing ratio	Spraying Pressure (bar)	Nozzle (mm)
	Compliant Gun		17-20	3:1:1	< 2.5	1.3-1.4
	HVLP		17-20	3:1:1	~ 2	1.3-1.5
	Suction Cup		17-20	3:1:1	2-3	1.3-1.7
	Airless / Airmix		20-30	3:1:0.5	120-150	0.23-0.28
	Double Diaphragm or Pressure Pump		17-20	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/-0500)	40/30 min	10/7 h	15/12 h	7-10 Days	< 5 days
	60°C (-0863/-0500)	-	30 min	60 min	-	-