

595 TPC-EPX

2K Epoxy Topcoat, textured

Resin base: 2-component epoxy resin

Technical Information 5.5.7

Products needed:	<table> <tr> <td>Pastes</td> <td>GJ50-</td> <td></td> <td></td> </tr> <tr> <td>Converter</td> <td>GK45-2201</td> <td></td> <td></td> </tr> <tr> <td>Converter/Pastes</td> <td>65:35</td> <td>smooth</td> <td></td> </tr> <tr> <td></td> <td>85:15</td> <td>textured</td> <td></td> </tr> <tr> <td>Hardener</td> <td>SC65-0731</td> <td>Medium</td> <td></td> </tr> <tr> <td></td> <td>SC65-0810</td> <td></td> <td></td> </tr> <tr> <td>Thinner</td> <td>SV32-0482</td> <td>Medium</td> <td></td> </tr> </table>			Pastes	GJ50-			Converter	GK45-2201			Converter/Pastes	65:35	smooth			85:15	textured		Hardener	SC65-0731	Medium			SC65-0810			Thinner	SV32-0482	Medium	
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Application and properties:	<p>2K Epoxy Topcoat, textured</p> <ul style="list-style-type: none"> • good adhesion to various metal substrates • good Anti-corrosive properties and chemical resistance • different structure effects can be achieved • good sagging resistance • min. ambient temp. +12°C for application 																														
Substrates/Pre-treatment: Well-cured old paintwork Bare steel Galvanised steel (pls. see 3.6) Aluminium Undercoats	Cleaning SV20-0505 SV22-0500 SV22-0500 SV22-0500 SV22-0500	Sanding P240-360 P80-150 abrasive pad P150-180	Final cleaning SV20-0505 SV22-0500 SV22-0500 SV22-0500 SV22-0500 595 TPC-EPX can be used for all Salcomix primers. * Other substrates could be possible. Please refer to matrix 3.9																												
Product details:	595 is as an Epoxy Topcoat typical suitable for painting of industrial goods offering smooth application or up to coarse textured effects according to spray equipment and adjusting. Usually these kinds of topcoats are being used indoors as they tend to chalk and loose their gloss when exposed to sunlight – which does not influence the technical performance like good adhesion, corrosion protection and chemical resistance.																														
Special Remark:	It cannot be ruled out that this product contains particles < 0.1 µm. The products are suitable for professional use only.																														

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Application: 2K solid Topcoat, semi-glossy

Remarks: Values reg. VOC, coverage, solid content and viscosity are based on a mixing ratio by Vol. mit SC65-0731. Select thinner acc. ambient temperature and size of object to be painted.

	Paint system	595 TPC-EPX 2K Topcoat				
	VOC	Theor. Coverage at 1 µm (RAL3000/9010)		Solid Content		
	508-550 g/l	398/381 m²/kg	438/439 m²/L	45-58 % Gew.		
	Check Color prior application	Weigh in according to mixing formula (colour):				
	Mixing ratio	595 TPC-EPX	100 % by weight	4 Vol.		
	Hardener	SC65-0731	20 % by weight	1 Vol.		
	Thinner	SV32-0482	40 % by weight	2 Vol.		
	Viscosity at 23°C DIN 4	Film Thickness (DFT)		Potlife 20°C	Gloss at 60°	
	4:1:2 Vol. > 40 sec.	50-70 µm (2 coats) flash off 5-10 min. between		6 h	~ 40 ± 5	
	Application	Viscosity (sec)	Mixing ratio	Spraying Pressure (bar)	Nozzle (mm)	
	Compliant Gun	> 40	4:1:2	< 2.5	1.3-1.4	
	HVLP	> 40	4:1:2	~ 2	1.3-1.5	
	Suction Cup	> 40	4:1:2	2-3	1.3-1.5	
	Airless / Airmix	> 40	4:1:2	120-150	0.23-0.28	
	Double Diaphragm or Pressure Pump	> 40	4:1:2	< 4	1.0-1.1	
	Brush & Roll	with less thinner; only brush application possible				
	Drying at Object Temp.	dust-dry	Touch Dry	Ready for Assembling	trough dry	Recoatable
	20°C	1-2 h	6-8 h	20 h	10-12 Days	< 5 days
	60°C	-	30-45 min	60 min	-	-

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Application: 2K solid Topcoat, semi-glossy

Remarks: Values reg. VOC, coverage, solid content and viscosity are based on a mixing ratio by Vol. mit SC65-0810. Select thinner acc. ambient temperature and size of object to be painted.

	Paint system	595 TPC-EPX 2K Topcoat, textured				
	VOC	Theor. Coverage at 1 µm (RAL3000/9010)		Solid Content		
	344-371 g/l	515/490 m²/kg	617/618 m²/L	69-73 % Gew.		
	Check Color prior application	Weigh in according to mixing formula (colour):				
	Mixing ratio	595 TPC-EPX	100 % by weight	4 Vol.		
	Hardener	SC65-0810	20 % by weight	1 Vol.		
	Thinner	SV32-0482	0-10 % by weight	0-10 %		
	Viscosity at 23°C DIN 4	Film Thickness (DFT)		Potlife 20°C	Gloss at 60°	
	high viscosity	Acc. to textured effect (see 2.4 or "Textured Swatch")		6 h	~ 40 ± 5	
	Application	Viscosity (sec)	Mixing ratio	Spraying Pressure (bar)	Nozzle (mm)	
	Compliant Gun	-	-	-	-	
	HVLP	-	-	-	-	
	Suction Cup	-	-	-	-	
	Airless / Airmix	-	-	-	-	
	Double Diaphragm or Pressure Pump	> 120	4:1+10%	0.5-1.5	1.5-2.0	
	Brush & Roll	-				
	Drying at Object Temp.	dust-dry	Touch Dry	Ready for Assembling	trough dry	Recoatable
	20°C	-	-	-	-	-
	60°C	-	45 min	60 min	-	-