650 TPC-PUR 2K PUR Topcoat, semi-glossy

Resin base: 2-component PU resin



Products needed:

Pastes GJ50-

Converter GK44-2202/ GK44-2502 F.W.

Converter/Pastes 65:35 / 98:2 Hardener SC29-0863 Normal

SC27-0500 Fast

Thinner SV13-0732 Fast

SV13-0701 Normal SV15-0339 Slow

Application and properties:

2K PUR Topcoat, semi-glossy

- 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

Substrates/Pre-treatment:

Well-cured old paintwork

Undercoats

Cleaning Sanding Final cleaning

SV20-0505 P240-360 SV20-0505 650 TPC-PUR can be used for all Salcomix primers.

Product details:

650 semi glossy offers similar properties as 648 full gloss. Application area would be general metal industry (production and maintenance).

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.)

Using of hardener SC29-0863 leads to a higher gloss level. Different colours also influence the gloss.

Less weather and chemical resistivity with hardener SC27-0500.

Special Remark:

It cannot be ruled out that this product contains particles

< 0.1 µm

The products are suitable for professional use only.

BASF Coatings GmbH Glasuritstraße 1 | 48165 Münster Feb 2015

Germany

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Technical Information 5.5.10

650 TPC-PUR 2K PUR Topcoat, semi-glossy

Resin base: 2-component PU resin



Application: 2C solid Topcoat, semi-glossy

Values reg. VOC, coverage, solid content and viscosity are based on a mixing ratio by Vol. Remarks:

mit SC29-0863. Select thinner acc. ambient temperature and size of object to be painted.

	Paint system	650 TPC-PUR 2K Topcoat				
	VOC	Theor. Coverag	e at 1 μm (RAL30	00/9010)	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	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 %
S	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
00 0 €	Airless / Airmix		23-27	3:1:0.25	120-150	0.23-0.28
<u></u>	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	-	-

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