

# Technical Information

## SILICATOP



Clear for a mat surface

Product Category: **C 4**

### Fields of use

SILICATOP is a clear that produces a uniformly mat surface.

In order to achieve different gloss levels (12 – 65 units at an angle of 60°), you can mix the product with R-M SATINTOP Clear. For further information, please refer to B 6 "Matt Shade concept".

### Additional Information

Can be used on rigid and semi-rigid plastic parts without FLEX.  
SILICATOP must not be used in mixing shelves.

### Technical characteristics

Solids content 36 % ± 2	Density 0.930 – 1.030 g/cm <sup>3</sup>
Storage temperature min. 5°C up to max. 45°C	Shelf life 24 months

### Application

Stir well before use

For combi-booths, take additional heating rate into account until panel temperature has been reached.

### Substrate / Pre-treatment / Cleaning

SILICATOP can be applied over R-M basecoats.

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## SILICATOP



	SILICATOP	100% by vol.	100 g
	H 9000	25% by vol.	27 g
	SC 850	25% by vol.	22 g
	When using the hardener H 420:		
	SILICATOP		100 g
	H 420		23 g
	SC 850		36 g
	SILICATOP	100% by vol.	
	H 2490	50% by vol.	
	<b>Viscosity at 20°C:</b>		
	ISO 4 cup:	38 to 42 seconds	
	DIN 4 cup:	17 to 19 seconds	
	<b>Potlife:</b> 2 hours at 20°C		
	<b>HVLP gravity-feed spraygun</b>	1.3 – 1.5 mm	0.7 bar at the nozzle
	<b>Compliant gravity-feed spraygun</b>	1.3 – 1.4 mm	2.0 – 2.5 bar
	Spraycoats:	2	
	Film thickness:	40 – 50 µm	
	Flash off until mat between spraycoats and before stoving.		
	Flash off until mat between spraycoats and before stoving. After the first spraycoat, allow to flash off for 10 – 15 min, after the second spraycoat for 15 – 20 min. Do not flash off for more than 25 minutes after each spraycoat.		
	Drying at 60°C:	30 min.	
	(short wave)	3 min. at 50% + 6 min. at 100%	
	(medium wave)	13 min.	

### Finishing

May be over coated with the same product after the indicated drying times.

### Safety instructions

**2004/42/IIB(e)(840)700:** The EU limit value for this product (product category: IIB.e) in ready-for-use form is max 840 grams of VOC per liter. The VOC content of this product is 700 g/l.

It cannot be ruled out that this product contains particles < 0.1 µm.

The products are suitable for professional use only.

For the use of this product please adhere to the actual safety recommendations and the personal protective equipment.