

SILICATOP

C 2490

SILICATOP variant extreme mat with H 420

Application:

- For applications when extremely mat finishes are required.
- Up to a maximum of 20% by weight of SM 09 SPECIAL MAT Matting paste can be added to C 2490 SILICATOP MS clear coat mat.
- Addition of the maximum 20% by weight of SM 09 SPECIAL MAT Matting paste will result in a gloss level of 5 measured at a 60° angle.
- Prepare only the quantity of paint that will be used the same day because the gloss level may change when the mixture is stored!
- **Stir immediately after adding SM 09 SPECIAL MAT Matting paste!**

Key Features:

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

Remarks:

Stir immediately after adding SM 09 SPECIAL MAT Matting paste.
For combi-booths, take additional heating rate into account until panel temperature has been reached.

Solid Content	36 % +/-2
Density	0.93-1.03 g/cm ³
Storage temperature	5-45 °C
Shelf life	24 months



Mixing Ratio PreMix

100 % by weight	C 2490 MS clear coat mat
20 % by weight	SM 09 Matting paste

Up to a maximum of 20% by weight of SM 09 SPECIAL MAT Matting paste can be added to C 2490 SILICATOP MS clear coat mat to achieve extremely mat finishes.

Safety advice:

2004/42/IIIB(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.





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		100:23:36	
	Mixing Ratio	100 % by weight	PreMix
	Hardener	23 % by weight	H 420 Hardener, medium
	Thinner	36 % by weight	SC 850 Thinner, medium
	Spray viscosity at 20°C	DIN 4: 17-19 s ISO 4: 38-42 s	Potlife at 20°C 2 h

		 HVLP spray gun	 Compliant gravity-feed spray gun
Application pressure	bar		2
Nozzle pressure	bar	0.7	
Nozzle size		1.3	1.3-1.4
Number of spray coats		2	
Flash off at 20°C	min	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.	
Film thickness	µm	40-50	

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Drying



Drying at 60°C 30 min



Infrared (short wave) 3 min. at 50% + 6 min. at 100%

Infrared (medium wave) 13 min

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

Please note: For automotive refinish, repair instructions of vehicle manufacturers, in particular regarding installed sensor technology, must always be observed in addition to the processing instructions given within this document.

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