

# SILICATOP

## C 2490

### SILICATOP variant extreme mat with H 2490

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

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

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**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.

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**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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		<b>2:1</b>		
	<b>Mixing Ratio</b>	100 % by volume	PreMix	
	<b>Hardener</b>	50 % by volume	H 2490 Hardener Matt shade concept premixed	
	<b>Spray viscosity at 20°C</b>	DIN 4: 17-19 s ISO 4: 38-42 s	<b>Potlife at 20°C</b>	2 h

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