

# CRYSTALTOP HD

C 1460

HS premium clear coat variant SPECIAL MAT 09

<b>Application:</b>	Matting agent which allows to reduce the gloss level of R-M solid-color topcoats and clears.
<b>Key Features:</b>	SPECIAL MAT 09 is compatible with all R-M clears and with the R-M topcoats UNO HD and UNO HD CP, UNO HD CP PLUS. <b>SM 09 must not be used in mixing shelves.</b>
<b>Remarks:</b>	Stir well before use. <b>Option 1:</b> When SPECIAL MAT 09 is contained in the mixing formula, possibly in combination with MT 900: Mix the components respecting the amounts specified in the mixing formula. Prepare the paint for application by adding hardener and thinner as indicated in the technical data sheet of the topcoat or clear being adjusted. <b>Option 2:</b> When matting an originally glossy topcoat / clear: Add SPECIAL MAT 09 to produce the desired degree of matting, up to a maximum of 70% by weight. Stir well. Then prepare the paint for application by adding hardener and thinner as indicated in the technical data sheet of the topcoat or clear being adjusted. Potlife: SPECIAL MAT 09 will reduce the potlife of the topcoat in which it is used.

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<b>Solid Content</b>	52 % +/-2
<b>Density</b>	0.95-1.05 g/cm <sup>3</sup>
<b>Storage temperature</b>	5-45 °C
<b>Shelf life</b>	36 months

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## Safety advice:

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.

The data contained in this publication are based on our current knowledge and experience. In view of the many factors that may affect processing and application of our products, these data do not relieve processors from carrying out their own investigations and tests; neither do these data imply any guarantee of certain properties, nor the suitability of the products for a specific purpose. Any descriptions, drawings, photographs, data, proportions, weights etc. given herein are for general information purpose only; they may change without prior information and do not constitute the agreed contractual quality of the products (product specification). The latest version supersedes all previous versions. You can obtain the latest version from our website at [www.rmpaint.com](http://www.rmpaint.com) or directly from your sales partner. It is the responsibility of the recipient of our products to ensure that any proprietary rights and existing laws and legislation are observed.



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**Mixing Ratio PreMix**

50 % by weight	C 1460 HS premium clear coat
50 % by weight	SM 09 Matting paste

(Mat)  
 Gloss-reduced:  
 70% by weight CRYSTALTOP HD  
 30% by weight SPECIAL MAT 09  
 or as specified in the mixing formula



**Mixing Ratio**

100 Parts by volume PreMix



**Hardener**

25 Parts by volume H 9000 Hardener, medium



**Thinner**

25 Parts by volume SC 850 Thinner, medium



**Spray viscosity at 20°C**

DIN 4: 18-20 s  
 ISO 4: 42-48 s

**Potlife at 20°C**

2.5 h

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	 HVL P 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	IMPORTANT: Flash off until mat between coats and before force curing.
Film thickness	µm	60-70

## Drying

	Drying at 20°C	8 h Dust-free after 2 hours Fully cured after 48 hours
	Drying at 60°C	30 min
	Infrared (short wave)	8 min

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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