

# DIAMONTCLEAR CP

## C 2450

### HS clear coat universal

<b>Application:</b>	For applications ranging from repair of individual panels to overall resprays. DIAMONTCLEAR CP was designed for use on R-M waterborne basecoats.
<b>Key Features:</b>	DIAMONTCLEAR CP offers very good sagging resistance, good leveling and polishability.
<b>Remarks:</b>	For combi-booths, take additional heating rate into account until panel temperature has been reached. Note: Use the slower SC 880 thinner in temperatures above 25°C or when refinishing large surfaces.

<b>Solid Content</b>	61 % +/- 2
<b>Density</b>	0.97-1.07 g/cm <sup>3</sup>
<b>Storage temperature</b>	5-45 °C
<b>Shelf life</b>	36 months

#### 3:1:1



#### Mixing Ratio

300 Parts by volume C 2450 HS clear coat universal (alternatively: 300 g)



#### Hardener

100 Parts by volume H 420 Hardener, medium (alternatively: 108 g)



#### Thinner

100 Parts by volume SC 850 Thinner, medium (alternatively: 87 g)



#### Spray viscosity at 20°C

DIN 4: 20-23 s  
ISO 4: 52-62 s

#### Potlife at 20°C

2 h

#### Safety advice:

2004/42/IIIB(d)(420)419: The EU limit value for this product (product category: IIB.d) in ready-for-use form is max 420 grams of VOC per liter. The VOC content of this product is 419 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.

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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C 2450

HS clear coat universal



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
Film thickness	µm		40-60

**Application Remark** On vertical surfaces, apply one thin and one full spraycoat without intermediate flash-off (film thickness of approx. 50 µm).

## Drying



Drying at 60°C 30 min



Infrared (short wave) 8 min

**Remark** Finishing operations after specified drying times and cooling.

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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