

# AirTOP

## C 2A40

### Clear coat, air drying

<b>Application:</b>	Advance Series Clear coat especially for ONYX HD basecoat.
<b>Key Features:</b>	Air drying clear coat for highest productivity. For minor damage repair up to a complete car side
<b>Remarks:</b>	Best results will be achieved using C 2A40 AirTOP Clear coat, air drying at the 20-80% humidity range and 15-35° Celsius. 5% A 2210 ONYX ACTIVATOR must be added to all waterborne basecoat layers applied under the C 2A40 AirTOP Clear coat, air drying, including basecoat grey shades, A 2520 ONYX EASY BLENDER and all stages of a 3-stage application. Mixing formulas that contain MIXINGBASE W cannot be used with A 2210 ONYX ACTIVATOR. Basecoat should be thoroughly dried before overcoating with C 2A40 AirTOP.

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<b>Solid Content</b>	65 %
<b>Density</b>	0.95-1.05 g/cm <sup>3</sup>
<b>Storage temperature</b>	5-30 °C
<b>Shelf life</b>	18 months

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#### Handling

##### Basecoat Preparation:



- 1st step: Weigh the colour mixing formula as normal, stirring well when this is completed.
- 2nd step: Add 5% of A 2210 ONYX ACTIVATOR and then stir immediately. (Potlife of max. 30 min)
- 3rd step: Dilute as normal using HB 032 HYDROMIX (or HB 034 HYDROMIX SLOW) and stir immediately.



##### Basecoat Application:

- Apply using standard ONYX HD application.

#### 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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**1:1+20 %**

Clear coat Preparation



**Mixing Ratio**

100 % by volume C 2A40 Clear coat, air drying  
100 g



**Hardener**

100 % by volume H 2A20 Advance Series Hardener  
102 g



**Thinner**

20 % by volume R 2A20 Advance Series Thinner  
R 2A10 Advance Series Thinner, fast  
18 g





**Spray viscosity at 20°C**

DIN 4: 12-15 s

**Potlife at 20°C**

25 min

	 <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	1.2-1.4
<b>Number of spray coats</b>		½ + 1
<b>Film thickness</b>	<b>µm</b>	40-50
<b>Application Remark</b>	No flash off between coats	

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#### Drying



#### Drying at 20°C

Dust free: app. 10 min\*  
Handling Time: app. 25 min\*  
Drying time:  
app. 45 min: R 2A10\*  
app. 60 min: R 2A20\*  
\* (20°C 55% RH, depending  
on humidity)

#### Drying at 40°C

App. 10 min

#### Remark

R 2A10 is formulated for application on multiple vertical panels.

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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