

## Technical Information

### 840 Clear VHS Slow —W1.05.10

Two pack VOC compliant clearcoat to be used over Wanda Basecoat Waterborne. For small spot repairs up to total resprays in warmer conditions. Wanda 840 Clear VHS has an excellent gloss, appearance and durability with a quick drying time.



#### Mixing ratio 840 Clear VHS Slow

2: 840 Clear VHS Slow

1: 330 Hardener HS

10%: 140 Thinner HS /130 Thinner HT



#### Mixing stick

Use Wanda measuring stick

**W1**



#### Equipment

Spray gun set-up: 1.2-1.4 mm

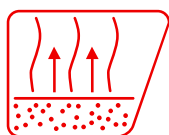
Application pressure: 1.7-2.2 bar



#### Application

2 x 1 coat

First apply a medium closed coat, next apply a full coat after indicated flash off time.



#### Flash-off

Between coats: 3-10 minutes at 20°C

Before curing: 5-10 minutes at 20°C



#### Drying

140 Thinner HS:

190 Thinner HS Slow:

130 Thinner HT:

*\*Object temperature*

#### 20°C

2 hours

10 hours

6 hours

#### 60°C

30 minutes\*

40 minutes\*

40 minutes\*



#### Protection

Use suitable respiratory protection.

AkzoNobel Vehicle Refinishes recommends the use of a fresh air supply respirator.

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<b>Product and Additives</b>	Wanda 840 Clear VHS Slow 330 Hardener HS 140 Thinner HS /130 Thinner HT Wanda 830 Clear Matt: For adjusting the preferred gloss-level (refer to TDS W1.05.09)		
<b>Suitable substrates</b>	Sound dry OEM Wanda Basecoat Waterborne		
<b>Viscosity</b>	16-18 seconds DC4 at 20°C		
<b>Spray gun set up and application pressure</b>	Gravity feed	1.2-1.4 mm	1.7-2.2 bar at the spray gun inlet HVLP max 0.6-0.7 bar at the air cap
<b>Application</b>	First apply a medium closed coat, next apply a full coat after indicated flash off time This time can be greatly influenced by the conditions at the time of application.		
<b>Pot-life</b>	<b>Wanda 840 Clear VHS Slow at 20°C</b> 140 Thinner HS      45 minutes 130 Thinner HT      2 hours		
<b>Drying times</b>	<b>840 Clear VHS Slow</b>	<b>30°C</b>	<b>60°C</b>
	<b>140 Thinner HS</b>		
	Dust dry	60 minutes	15-20 minutes
	Dry to handle	3-4 hours	35 minutes
	<b>130 Thinner HT</b>		
	Dust dry	90 hours	15-20 minutes
	Dry to handle	3-4 hours	35 minutes
<b>Infra-Red</b>	Dry to handle after 5 minutes low power and 8 minutes high power		

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<b>Polishability</b>	Ready to polish minimum 1 hour after cooling down to ambient temperature (after full drying cycle)	
<b>Reducing gloss level</b>	For reducing the required gloss level, Wanda 830 Clear Matt can be added, for further information refer to the technical data sheet of Wanda Clear Matt W1.05.09	
<b>Film thickness</b>	Recommended application (2 coats)	45-60 µm
<b>Theoretical coverage</b>	Ready for use mixture at 1 micron layer thickness: $\pm 522 \text{ m}^2/\text{liter}$  <i>The practical coverage depends on many factors i.e. shape of the object, roughness of the surface, application method and application circumstances.</i>	
<b>Cleaning of equipment</b>	Use Wandabase gun-cleaner, or nitrocellulose thinner	
<b>Shelf life</b>	Product shelf- life is determined when products are stored unopened at 20°C. Avoid extreme temperature fluctuation. Shelf life; 1 year at 20°C.	
<b>VOC</b>	The EU limit value for this product (product category: IIB.d) in ready to use form is max. 420 g/liter VOC. The VOC content of this product in ready to use form is max. 420 g/liter.	

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#### FOR PROFESSIONAL USE ONLY

**IMPORTANT NOTE** The information in this data sheet is not intended to be exhaustive and is based on the present state of our knowledge and on current laws: any person using the product for any purpose other than that specifically recommended in the technical data sheet without first obtaining written confirmation from us as to the suitability of the product for the intended purpose does so at his own risk. It is always the responsibility of the user to take all necessary steps to fulfil the demands set out in the local rules and legislation. Always read the Material Data Sheet and the Technical Data Sheet for this product if available. All advice we give or any statement made about the product by us (whether in this data sheet or otherwise) is correct to the best of our knowledge but we have no control over the quality or the condition of the substrate or the many factors affecting the use and application of the product. Therefore, unless we specifically agree in writing otherwise, we do not accept any liability whatsoever for the performance of the product or for any loss or damage arising out of the use of the product. All products supplied and technical advices given are subject to our standard terms and conditions of sale. You should request a copy of this document and review it carefully. The information contained in this data sheet is subject to modification from time to time in the light of experience and our policy of continuous development. It is the user's responsibility to verify that this data sheet is current prior to using the product.

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