

## Technical Information

### 800 Clear VHS

#### —W1.05.03

A top-quality gloss finish can be easily achieved with Wanda 800 Clear VHS. This VOC-compliant clearcoat performs brilliantly in all kind of repairs from small spot to total resprays. It offers excellent overall results.



#### Mixing ratio

2: 800 Clear VHS  
1: 330 Hardener HS  
10%: 140 Thinner HS/130 Thinner HT



#### Mixing stick

Use Wanda measuring stick  
**W2**



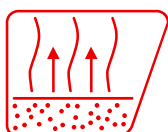
#### Equipment

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: 5-10 minutes at 20°C  
Before curing: 5-10 minutes at 20°C



#### Drying

140 Thinner HS:  
130 Thinner HT:

#### 20°C

2 hours  
6 hours

#### 60°C

30 minutes\*  
40 minutes\*

\*Object temperature



#### Protection

Use suitable respiratory protection.  
AkzoNobel Vehicle Refinishes recommends the use of a fresh air supply respirator.

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**Product and Additives**      **Hardeners:** 330 Hardener HS  
**Thinners:** 140 Thinner HS /130 Thinner HT

**Suitable substrates**      Sound dry OEM  
Wanda Basecoat Waterborne

**Mixing**                      2:      Wanda 800 Clear VHS  
1:      330 Hardener HS  
10%: 140 Thinner HS /130 Thinner HT  
Use a measuring stick **W2**

**Viscosity**                    16-18 seconds DC4 at 20°C

**Spray gun set up and application pressure**      Gravity feed      1.2-1.4 mm      1.7-2.2 bar at the spray gun inlet  
HVLV max 0.6-0.7 bar at the air cap

**Application**                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.

**Pot-life**                      140 Thinner HS      30 minutes at 20°C  
130 Thinner HT      2 hours at 20°C

<b>Drying times</b>	<b>20°C</b>	<b>60°C</b>
<b>140 Thinner HS</b>		
Dust dry	60 minutes	10 minutes
Dry to handle	2 hours	30 minutes
<b>130 Thinner HT</b>		
Dust dry	90 minutes	15 minutes
Dry to handle	6 hours	40 minutes
Infra-red	5 minutes low power	8 minutes low power

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<b>Infra-Red</b>	Dry to handle after 4 minutes low power and 6 minutes high power	
<b>Polishability</b>	Ready to polish minimum 1 hour after cooling down.	
<b>Film thickness</b>	Recommended application (2 coats)	45-60 µm
<b>Theoretical coverage</b>	Ready for use mixture at 1 micron layer thickness: ± 522 m <sup>2</sup> /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 Guncleaner, or nitrocellulose thinner	
<b>Product storage</b>	Product shelf- life is determined when products are stored unopened at 20°C. Avoid extreme temperature fluctuation. Shelflife; 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. 418 g/liter.	

Akzo Nobel Car Refinishes B.V.  
Address: Rijksstraatweg 31, PO Box 3, 2170 BA Sassenheim  
Tel: +31(0)71308-6944

#### 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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Head Office

Akzo Nobel Car Refinishes B.V., PO Box 3, 2170 BA Sassenheim, The Netherlands. [www.Wandarefinish.com](http://www.Wandarefinish.com)