

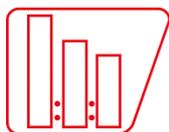
# Technical Information

## Wanda 820 Clear AS Express

### —W1.05.01



For a faster clearcoat process, Wanda 820 Clear AS Express is the answer. This flexible anti-scratch clearcoat is ideal for fast spot repairs in all conditions. It produces a consistent, fast drying, easy to polish and durable finish.



#### Mixing ratio

2: Wanda 820 Clear AS Express  
 1: 320 Hardener Rapid/310 Hardener Standard  
 10-20% 120 Thinner Rapid /110 Thinner Standard



#### Mixing stick

Use Wanda measuring stick  
**W3**



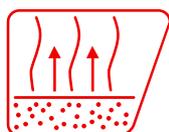
#### Equipment

Spray gun set-up: 1.2-1.4 mm  
 Application pressure: 1.7-2.2 bar  
 \*See user manual spraygun used



#### Application

2 x 1 coat  
 First, apply a flowing closed coat, followed by a full flowing coat after indicated flash off time.



#### Flash-off

Between coats: 3-5 minutes at 20°C  
 Before curing: 5-7 minutes at 20°C



#### Drying

Wanda Hardener:

**20°C**

2-3 hours

**60°C**

8 minutes\*

\*object temperature



#### 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>	<b>Hardeners:</b> 320 Hardener Rapid/310 Hardener Standard <b>Thinners:</b> 120 Thinner Rapid/110 Thinner Standard		
<b>Suitable substrates</b>	Waterborne and Solventborne Basecoats OEM Finishes		
<b>Mixing</b>	2: Wanda 820 Clear AS Express 1: 320 Hardener Rapid/ 310 Hardener Standard 10-20%: 120 Thinner Rapid/110 Thinner Standard Use a measuring stick <b>W3</b>		
<b>Spray gun set up and application pressure</b>	Gravity feed	1.2-1.4 mm	1.7-2.2 bar*
	*See user manual spraygun used		
<b>Application</b>	Apply a flowing closed coat, allowing for a 3-5 minutes flash-off time at 20°C. Next, apply a full flowing coat allowing for a 5-7 minutes flash-off time at 20°C before bake.		
<b>Pot-life</b>	3 hours at 20°C.		
<b>Drying times</b>	<b>Dry to handle:</b> 320 Hardener Rapid/310 Hardener Standard	<b>20°C</b> 2-3 hours	<b>60°C*</b> 8-15 minutes
	<i>*Object temperature</i>		

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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>	Per coat	20-25 $\mu\text{m}$
	Recommended application (2 coats)	40-50 $\mu\text{m}$
<b>Theoretical coverage</b>	Ready for use mixture at 1 micron layer thickness: $\pm 321 \text{ m}^2/\text{liter}$ The practical coverage depends on many factors i.e. shape of the object, roughness of the surface, application method and application circumstances.	
<b>Cleaning of equipment</b>	Use Guncleaner, or nitrocellulose thinner	
<b>Product storage</b>	Product shelf-life is determined when product are stored unopened at 20°C Avoid extreme temperature fluctuations. Shelf life: 1 year at 20°C.	
<b>VOC</b>	The EU limit value for this product (product category: IIB.e) in ready to use form is max. 840 g/liter VOC. The VOC content of this product in ready to use form is max. 577 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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