

Technical Information

Wanda 810 Clear AS —W1.05.02



With Wanda 810 Clear AS you will achieve a great gloss finish every time. This anti-scratch clearcoat can be used for a small spot up to a total respray in all conditions. Easy to apply with fast drying properties offering a consistent gloss and durability.



Mixing ratio

2: Wanda 810 Clear AS
1: 320 Hardener Rapid/310 Hardener Standard/300 Hardener Slow
10%: 120 Thinner Rapid/110 Thinner Standard/100 Thinner Slow



Mixing stick

Use Wanda measuring stick
W2



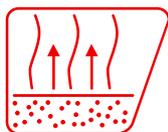
Equipment

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 layer, followed by a full flowing layer after indicated flash off time.



Flash-off

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



Drying

	20°C	60°C
Wanda 320 Hardener Rapid:	4 hours	15 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:** 320 Hardener Rapid/310 Hardener Standard/300 Hardener Slow
Thinners: 120 Thinner Rapid/110 Thinner Standard/100 Thinner Slow

Suitable substrates Waterborne and Solventborne Basecoats and hard dry finishes

Mixing 2: Wanda 810 Clear AS
1: 320 Hardener Rapid/ 310 Hardener Standard/300 Hardener Slow
10%: 120 Thinner Rapid/110 Thinner Standard/100 Thinner Slow
Use a measuring stick **W2**

Spray gun set up and application pressure Gravity feed 1.2-1.4 mm 1.7-2.2 bar at the spray gun inlet
*See user manual spraygun used

Application Apply a flowing closed layer, allowing for a 5-10 minutes flash-off time at 20°C. (depends on hardener / thinner combination used)
Next, apply a full flowing layer allowing for a 5-10 minutes flash-off time at 20°C before bake.
This time can be greatly influenced by the conditions at the time of application.

Pot-life With Wanda 320 Hardener Rapid, 310 Hardener Standard, 300 Hardener Slow: 3 hours at 20°C.

Drying times **Dry to handle:** **20°C** **60°C***
4-12 hours 15-45 minutes**

***Depends on Hardener used*

Infra-Red Dry to handle after 4 minutes low power and 6 minutes high power.

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Film thickness	Recommended application (2 coats)	45-60 µm
Theoretical coverage	Ready for use mixture at 1 micron layer thickness: ± 522 m ² /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>	
Cleaning of equipment	Use Gun cleaner, or nitrocellulose thinner	
Product storage	Product shelf-life is determined when products are stored unopened at 20°C. Avoid extreme temperature fluctuation. Shelflife; 1 year at 20°C.	
VOC	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. 559 g/liter.	

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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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