

# Technical Information

## Wanda 2K Topcoat

W1.03.04 AUS 29 July 2020



Two component polyurethane topcoat. Suitable for refinishing passenger cars, light commercial vehicles, and industrial machinery. Recommended for all types of repairs and new work. Available in solid colours with gloss and semi gloss finish.



### Mixing Ratio

2 parts by volume: Wanda 2K Topcoat  
1 part by volume: Wanda Hardener (Slow, Standard or Fast)  
10% (of mixture): Wanda Thinner (Slow, Standard or Fast)



Use Wanda mixing stick



### Equipment

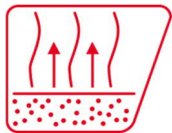
Spray gun: Gravity Feed  
Application pressure: 2-3 bar at the air inlet

Fluid Tip: 1.2-1.5 mm



### Application

3 x 1 coat



### Flash-off

5-10 mins between coats

5-10 mins before baking



### Drying time

9-12 hrs at 20°C  
20-60 mins at 60°C  
(depends on hardener used)



### Protection

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


Read complete TDS for detailed product information

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Product and additives	Wanda 2K Topcoat: Solid colours direct gloss or matt Wanda Hardener: Slow, Standard and Fast Wanda Thinner: Slow, Standard and Fast Wanda 2K Top Coat MM 9800 (Optional to achieve matt or semi- matt finishes)		
Suitable substrates	Wanda primers, original finishes, polyester laminates properly prepared.		
Surface preparation	Prior to commencing any sanding work, thoroughly clean the surface of any grease or wax with AkzoNobel Wax & Grease Remover. Apply using two clean clothes in a wipe-on, wipe-off process. Sand with P800-P1000 wet or with P400-P500 dry. After sanding work is completed, and just prior to the application of 2K Topcoat, degrease again thoroughly.		
	<b>Mixing Ratio</b>		
	2 parts by volume: Wanda 2K Topcoat 1 part by volume: Wanda Hardener (Slow, Standard or Fast) 10% (of mixture): Wanda Thinner (Slow, Standard or Fast)		
Viscosity	DIN cup #4 15-16 seconds at 20°C		
Pot life	4 hours at 20°C		
Spray gun set-up and application pressure	Gravity feed	1.2-1.5 mm	2-3 bar at the spray gun air inlet
Application	Apply 2 - 3 single coats or until full opacity is achieved. Allow 5-10 minutes flash off time between coats.		
Drying times	Dust Dry	20°C	60°C
	Hardener Fast	20 mins	5 mins
	Hardener Standard	30 mins	5 mins
	Hardener Slow	N/A	8 mins
	Dry to Handle	20°C	60°C
	Hardener Fast	4 hrs	15 mins
	Hardener Standard	9 hrs	25 mins
	Hardener Slow	N/A	35 mins
	Hard Dry	20°C	60°C
	Hardener Fast	9 hrs	20 mins
	Hardener Standard	12 hrs	50 mins
	Hardener Slow	N/A	60 mins

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For matt or semi-matt effects, add matt agent (Wanda 2K Topcoat MM 9800) prior to Wanda Hardener and Wanda Thinner as per the following ratio:

Eggshell (40-60 Gloss Units at 60°)  
100 parts by weight of the desired Wanda 2K Topcoat colour  
50 parts by weight of the Wanda 2K Topcoat 9800

Eggshell (10-40 Gloss Units at 60°)  
100 parts by weight of the desired Wanda 2K Topcoat colour  
100 parts by weight of the Wanda 2K Topcoat 9800

#### Matt or Semi-matt effects

Small texture imitations can be achieved, following the next application technique: Use the second mixing ratio above (1:1 for color and matt agent) and stir this mixture thoroughly then mix with hardener and thinner as per the mixing ratio guide. Always use a gravity feed spray gun.

Apply 2-3 coats (depending on the coverage) at 2-3 bar (normal distance between the gun and the vehicle). Flash-off for at least 15 minutes after the last coat. Bring down the air pressure to 0.2-1 bar.

Increase the distance between the gun and the substrate. Apply 1 or 2 coats; depending on the desired texture.

Various textures can be made by varying:  
Working pressure 0.2-1 bar  
Distance between the gun and the substrate  
Fluid tip 1.2-1.8 mm  
Viscosity of the mixture; depending on how much Wanda Thinner is added.  
Lettering: Lettering must be applied within 48 hours. After 48 hours, scuff with a grey scuffing pad.

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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 fulfill 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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