

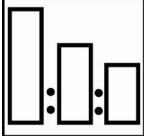

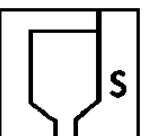

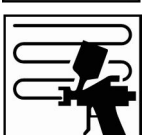
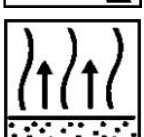

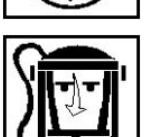


# Technical Data Sheet

## Wanda 2K Topcoat

INW5.1.02\_AUS  
20 May 2013

### Quick reference

 2:1+10%  Use Wanda mixing stick  15 - 16 sec Din 4 (20 °C)  1.2 - 1.5 mm (gravity) 2 - 3 bar  3 X 1 coat  5 - 10 min between coats 5 - 10 min before baking  9 - 12 hr @ 20 °C 20 - 60 min @ 60 °C (depends on hardener used)  Use suitable Personal Protection Equipment	<p><b>Description</b></p> <p><b>Suitable Substrates</b></p> <p><b>Surface Preparation</b></p> <p><b>Mixing Ratio</b></p> <p><b>Spray Gun Setup:</b></p> <p><b>Application</b></p> <p><b>Pot-life</b></p> <p><b>Drying times</b></p>	<p><b>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.</b></p> <p>Wanda primers, original finishes, polyester laminates properly prepared.</p> <p>Prior to commencing any sanding work, thoroughly clean the surface of any grease or wax with Akzo Nobel Wax &amp; 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.</p> <p>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)</p> <table border="1"> <thead> <tr> <th>Spray gun:</th> <th>Fluid tip:</th> <th>Pressure:</th> </tr> </thead> <tbody> <tr> <td>Gravity feed:</td> <td>1.2 – 1.5 mm</td> <td>2 - 3 bar</td> </tr> </tbody> </table> <p>Apply 2 - 3 single coats or until full opacity is achieved. Allow 5 – 10 minutes flash off time between coats.</p> <p>4 hours at 20°C</p> <table border="1"> <thead> <tr> <th></th> <th>20 °C</th> <th>60 °C</th> </tr> </thead> <tbody> <tr> <td><b>Dust Dry</b></td> <td></td> <td></td> </tr> <tr> <td>Hardener Fast</td> <td>20 min</td> <td>5 min</td> </tr> <tr> <td>Hardener Standard</td> <td>30 min</td> <td>5 min</td> </tr> <tr> <td>Hardener Slow</td> <td>N/A</td> <td>8 min</td> </tr> <tr> <td><b>Dry to Handle</b></td> <td>20°C</td> <td>60 °C</td> </tr> <tr> <td>Hardener Fast</td> <td>4 hr</td> <td>15 min</td> </tr> <tr> <td>Hardener Standard</td> <td>9 hr</td> <td>25 min</td> </tr> <tr> <td>Hardener Slow</td> <td>N/A</td> <td>35 min</td> </tr> <tr> <td><b>Hard Dry</b></td> <td>20 °C</td> <td>60 °C</td> </tr> <tr> <td>Hardener Fast</td> <td>9 hr</td> <td>20 min</td> </tr> <tr> <td>Hardener Standard</td> <td>12 hr</td> <td>50 min</td> </tr> <tr> <td>Hardener Slow</td> <td>N/A</td> <td>60 min</td> </tr> </tbody> </table>	Spray gun:	Fluid tip:	Pressure:	Gravity feed:	1.2 – 1.5 mm	2 - 3 bar		20 °C	60 °C	<b>Dust Dry</b>			Hardener Fast	20 min	5 min	Hardener Standard	30 min	5 min	Hardener Slow	N/A	8 min	<b>Dry to Handle</b>	20°C	60 °C	Hardener Fast	4 hr	15 min	Hardener Standard	9 hr	25 min	Hardener Slow	N/A	35 min	<b>Hard Dry</b>	20 °C	60 °C	Hardener Fast	9 hr	20 min	Hardener Standard	12 hr	50 min	Hardener Slow	N/A	60 min
Spray gun:	Fluid tip:	Pressure:																																													
Gravity feed:	1.2 – 1.5 mm	2 - 3 bar																																													
	20 °C	60 °C																																													
<b>Dust Dry</b>																																															
Hardener Fast	20 min	5 min																																													
Hardener Standard	30 min	5 min																																													
Hardener Slow	N/A	8 min																																													
<b>Dry to Handle</b>	20°C	60 °C																																													
Hardener Fast	4 hr	15 min																																													
Hardener Standard	9 hr	25 min																																													
Hardener Slow	N/A	35 min																																													
<b>Hard Dry</b>	20 °C	60 °C																																													
Hardener Fast	9 hr	20 min																																													
Hardener Standard	12 hr	50 min																																													
Hardener Slow	N/A	60 min																																													





# Technical Data Sheet

## Wanda 2K Topcoat

INW5.1.02\_AUS  
20 May 2013

<b>Products and Additives</b>	<p>Wanda 2K Topcoat – Solid colours direct gloss or matt</p> <p>Wanda Hardener: Slow, Standard and Fast</p> <p>Wanda Thinner: Slow, Standard and Fast</p> <p>Wanda 2K Top Coat MM 9800 (Optional to achieve matt or semi-matt finishes)</p>
<b>Viscosity</b>	<p>15 - 16 seconds – DIN Cup 4 at 20 °C.</p>
<b>Matt or Semi-matt effects</b>	<p>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:</p> <ul style="list-style-type: none"><li>• Eggshell (40-60 Gloss Units at 60°)<ul style="list-style-type: none"><li>○ 100 parts by weight of the desired Wanda 2K Topcoat colour</li><li>○ 50 parts by weight of the Wanda 2K Topcoat 9800</li></ul></li><li>• Eggshell (10-40 Gloss Units at 60°)<ul style="list-style-type: none"><li>○ 100 parts by weight of the desired Wanda 2K Topcoat colour</li><li>○ 100 parts by weight of the Wanda 2K Topcoat 9800</li></ul></li></ul> <p>Small texture imitations can be achieved, following the next application technique:</p> <p>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.</p> <p>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.</p> <p><b>Various textures can be made by varying:</b></p> <ul style="list-style-type: none"><li>• Working pressure 0.2 – 1 bar</li><li>• Distance between the gun and the substrate</li><li>• Fluid tip 1.2 – 1.8 mm</li><li>• Viscosity of the mixture; depending on how much Wanda Thinner is added.</li></ul> <p>Lettering: Lettering must be applied within 48 hours. After 48 hours, scuff with a grey scuffing pad.</p>





# Technical Data Sheet

## Wanda 2K Topcoat

INW5.1.02\_AUS  
20 May 2013

<b>Basic Raw materials</b>	Wanda 2K Topcoat – Acrylic resins. Wanda Hardener – Poly-isocyanate resins.  Wanda Thinner – Blend of organic solvents.
<b>Dry Film Thickness</b>	50 – 60 µm by using recommended application.
<b>Theoretical cover rate</b>	7.2 m <sup>2</sup> /litre RTS mixture.  <b>Note:</b> The practical coverage depends on several factors, including shape of the construction, roughness of surface, method of application being used and conditions of application.
<b>Cleaning of equipment</b>	Use Wanda 2K Thinner (any).
<b>Packaging</b>	1 and 3.75 Litre.
<b>Shelf life</b>	Unopened cans stored at temperature between 5 °C to 35 °C.  Wanda 2K Topcoat – 4 years Wanda Hardeners – 12 months Wanda Thinners - 4 years

### 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.

Brand names mentioned in this data sheet are trademarks of or are licensed to AkzoNobel.

#### Head Office

Akzo Nobel Car Refinishes B.V., PO Box 3 2170 BA Sassenheim, The Netherlands.



**Akzo Nobel Car Refinishes Australia Pty Ltd**  
**Address: 269 Williamstown Road, Port Melbourne VIC 3207**  
**Tel: +61 03 9644 1711**