

# Technical Information

## Wandabase MAX

### —W1.09.02



Wandabase MAX is a solventborne basecoat developed to imitate solid, pearl and metallic automotive colors. With multiple thinners, it can be used for spot repairs and total re-sprays in any environmental condition. Wandabase MAX has excellent coverage and fast drying properties and is easy to blend. **This product is not for sale to Vehicle Refinishers in the EU, who need to comply with the Directive 2004/42/EC**



#### Mixing ratio

100: parts Wandabase MAX

50-80: parts 100 Thinner Slow/110 Thinner Standard/120 Thinner Rapid



#### Mixing stick

Use Wanda measuring stick

W11 & W12



#### Equipment

Spray gun set-up: 1.2-1.4mm

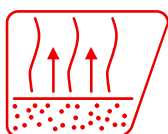
Application pressure: 1.7-2.0 bar at the air inlet\*

\*See user manual spraygun



#### Application

2-3 x 1 coat



#### Flash-off

Between coats: 3-5 minutes at 20°C

Before clearcoat: 15 minutes at 20°C



#### Clearcoat application

See Clearcoat T.D.S.



#### Protection

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

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**Product and Additives**

Basecoat: Physical drying binders  
Thinners: blend of solvents

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**Basic Raw Materials**

Wanda Thinners: 100 Thinner Slow / 110 Thinner Standard / 120 Thinner Rapid

**120 Thinner Rapid** for spot-repairs up to 3 panels @ 15-20°C

**110 Thinner Standard** for spot-repair up to a complete resprays @ 20-30°C

**100 Thinner Slow** for larger object and / or at higher temperatures 25-30°C and up

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**Suitable substrates**

Original finishes and old painted surfaces

Wanda 610 1K Plastic Primer

Wanda 650 Filler HB 5:1 White/Grey/Black

Wanda 670 Filler HB 4:1 Grey

Wanda 640 Filler Multi

Wanda 600 Filler 4:1

Wanda 620 Primer Grey/Dark

Wanda 2K Epoxy Primer

**Notes:** Do not apply direct over acid containing (etch) primers

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**Mixing**

100 parts Wandabase MAX

50-80 parts 100 Thinner Slow / 110 Thinner Standard / 120 Thinner Rapid

**Note:** Always check color before application to the object.

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**Viscosity**

13-17 seconds DC4 at 20°C

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**Spray gun setup and application pressure**

Gravity feed 1.2-1.4 mm 1.7-2.0 bar at the spray gun air inlet

HVLP max 0.6-0.7 bar at the air cap\*

\*Please refer to user manual spray gun

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<b>Application</b>	<p><b>Metallic and pearl colors:</b> Apply one single coat, allow flash off until the coat is completely dried (matt). Apply a following lighter coat till covering is achieved. If necessary, finish with a mist coat by reducing the working pressure with 0.5 bar at the air inlet and increase the distance to 30-40 cm between spray-gun and object.</p> <p><b>Solid colors:</b> Apply one full single coat. Allow flash off until the coat is completely matt. Apply another single coat and again allow this coat to flash off until matt, repeat until covering is achieved, a mist coat is not needed with solid colors.</p> <p><b>Spot and fade-out repair:</b> Apply the basecoat in thin (overlapping) coats with the spray gun fully triggered at a spraying pressure of 1.5 bar until opacity is achieved. Allow to flash off until matt between coats, than fade out twice into remaining area (only metallic colors), using a spraying pressure of 1.5 bar.</p> <p><i>*Allow for a minimum of 15 minutes final flash-off time at (20°C) before clearcoat application.</i></p>
<b>Pot-life</b>	6 months at 20°C 4 hours if hardener is added
<b>Re-coat time</b>	<p>Wandabase MAX has to be re-coated with clearcoat within: Solid colours : 5 hours Metallic and Pearl: 48 hours (2 days)</p> <p><b>NOTE:</b> To extend the re-coat time of solid colours up to 48 hours (2 days), mix Wandabase MAX as follows: Stir the Wandabase MAX colour thoroughly before adding 10% Wanda hardener. Stir this mixture thoroughly before adding Wanda Thinner, then stir again thoroughly</p>
<b>Film thickness</b>	Per coat: 7-9 µm Recommended application (2 coats): 14-18 µm
<b>Theoretical coverage</b>	<p>Ready for use mixture at 1µm dry film thickness <span style="float: right;">± 140 m<sup>2</sup>/liter</span></p> <p>The practical coverage depends on many factors i.e. shape of the object, roughness of the surface, application method and application circumstances</p>
<b>Cleaning of equipment</b>	Use Wanda Gun Cleaner
<b>Product storage</b>	Product shelf life is determined when products are stored unopened at 20°C. Avoid extreme temperature fluctuation.
<b>Shelf Life</b>	Product shelf-life is determined when products are stored unopened at 20°C. Avoid extreme temperature fluctuation. Shelf life: 4 years at 20°C.

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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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