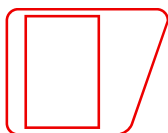


## Technical Information

### Wandabase WB —W4.03.01



Wandabase WB is a waterborne basecoat for imitating solid and effect colors. It enables easy sprayability combined with good hiding power and excellent metallic orientation, fast drying and perfect colormatching for all kind of repairs. It gives consistent and professional quality results saving time.

**Mixing ratio**

Ready For Use

**Equipment**

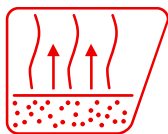
Spray gun set-up: 1.2-1.4 mm

Application pressure: 1.7-2.2 bar

\*See user manual spray gun

**Application**

2 x 1 coat

**Flash-off**

Between coats: Until matt

Before clearcoat: 15 minutes

**Protection**

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

# Technical Information

## Wandabase WB

### —W4.03.01



<b>Product and Additives</b>	Wandabase WB Wandabase Activator Wandabase LP Additive
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<b>Basic Raw Materials</b>	Basecoat: Physical drying binder
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<b>Suitable substrates</b>	Original finishes 600 Filler 4:1 610 1K Plastic Primer 620 Primer Light Grey/Dark Grey 630 2K Epoxy Primer 640 Filler Multi Grey 650 Filler HB 5:1 670 Filler HB 4:1 Grey
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**Note:** Do not apply direct over acid containing (etch) primers

<b>Mixing Ratio</b>	Wandabase WB is Ready For Use
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**Note:**

Add 5-10% of Activator Waterborne:  
- to adjust the viscosity of light metallics  
- in case of hot/dry conditions

Tinters should be shaken gently before mixing the formula  
Mixed colors must be stirred thoroughly  
For optimum straining, use waterborne suitable paint strainers, size: 125µm

<b>Viscosity</b>	20-30 seconds DIN Cup 4 at 20°C
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<b>Potlife</b>	Solid and pearl colors:	3 months at 20°C
	Metallic colors without tinter W001:	1 week at 20°C
	Metallic colors containing tinter W001:	1 day at 20°C

**Note:**

Adding Wandabase LP Additive increases potlife of metallics up to 3 months

<b>Spray gun set up and application pressure</b>	<b>Fluid tip</b>	<b>Pressure</b>
Gravity feed	1.2-1.4 mm	1.7-2.2 bar* HVLP max 0.7 at air cap
*See user manual spray gun		

# Technical Information

## Wandabase WB

### —W4.03.01



#### Application

##### **Metallic and pearl colors:**

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 between spray-gun and object.

##### **Solid colors:**

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.

##### **Spot repair and fade-out:**

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, next fade out twice into remaining area (only metallic colors), using a spraying pressure of 1.5 bar.

##### **Notes:**

Metallic toners must be stirred thoroughly before first time use.

- While making a spot repair, it's not necessary to tag-rag between coats.
- Apply a full coat of pure W000 as a first coat for a better metallic orientation.
- With metallic, 50% of pure W000 can be added to the final (drop)coat
- Do not apply to heavy coats while making a spot repair
- Wandabase WB is in principle ready for use.
- Addition of 5-10% Activator Waterborne is possible:
  - o to adjust the viscosity of light metallics
  - o to avoid overspray while painting larger objects
  - o in warm and/or dry conditions
- Mixed colors must be stirred thoroughly before adding Activator WB
- If a pure Wandabase WB metallic mixing color will be applied, always add Wandabase WB tinter W000 in the ratio: 1 part Metallic :4 parts W000)
- Clean spray gun with a Wandabase Guncleaner WB directly after use

Following clearcoats can be applied after a minimum drying time of 15 minutes, but within 24 hours:

Wanda 800 Clear VHS

Wanda 810 Clear AS

Wanda 820 Clear AS Express

*Working time can be reduced by acceleration of the air speed, by using dry-jets.*

#### **Cleaning of equipment**

Use Wandabase Guncleaner WB

#### **Film thickness**

Per coat: 10-15 pm

Recommended application (2 coats): 20-30pm

#### **Re-coat time**

Wandabase WB can be recoated after a minimum drying time of 15 minutes, but within 24 hours.

#### **Recoatability**

800 Clear VHS

810 Clear AS

820 Clear AS Express

830 Clear Matt

840 Clear VHS Slow

# Technical Information

## Wandabase WB

### —W4.03.01



<b>Theoretical coverage</b>	Ready for use mixture at 1µm dry film thickness: $\pm 190 \text{ m}^2/\text{liter}$ The practical coverage depends on many factors i.e. shape of the object, roughness of the surface, application method and application circumstances
<b>Product storage</b>	Avoid extreme temperature fluctuation.
<b>Shelf life</b>	Product shelf life is determined when products are stored unopened Wandabase WB toners: 1-4 years at 20°C
<b>VOC</b>	<b>2004/42/IIb(c)(420)400</b> The EU limit value for this product (product category: IIb.d) in ready to use form is max. 420 g/liter VOC. The VOC content of this product in ready to use form is max. 400g/liter

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#### FOR PROFESSIONAL USE WITH SUITABLE HS&E EQUIPMENT

**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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