

Technical Information

Wandabase —W4.03.01



Wandabase 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. All Wanda clearcoats can be applied on the Wandabase basecoat.



Mixing ratio

RFU: Wandabase is ready for use

*In case of any dry conditions or high temperatures Wandabase Activator can be added



Equipment

Spray gun set-up: 1.3-1.4mm

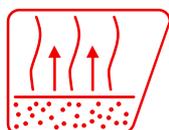
Application pressure: 1.7-2.0 bar at the air inlet*

*See user manual spraygun



Application

2x1 coat



Flash-off

Between coats: Until matt

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 Wandabase
Wandabase Activator
Wandabase LP Additive

Basic Raw Materials Basecoat Physical drying binder

Suitable substrates Sound original finishes and old painted surfaces

Wanda 600 Filler 4:1

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

Mixing RFU: Wandabase

Note:

Addition of Activator Waterborne (5-10%) is possible for:

- Adjusting the viscosity of light metallics
- Correction in case of hot/dry conditions

All tinters should be gently shaken before mixing the formula

Mixed colors must be stirred thoroughly after mixing

For optimum straining use waterborne suitable paint strainers, size: 125µm

Viscosity 20-30 seconds DC4 at 20°C

Spray gun setup and application pressure Gravity feed 1.3-1.4 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 spray gun user manual

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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 spraygun 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 and fade-out repair:

Apply the basecoat in thin (overlapping) coats with the spray gun fully triggered at a spraying pressure of 1.5 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.

Notes:

Metallic toners must be stirred thoroughly before using for the first time

- 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 orientation of the metallic
- 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 Basecoat Waterborne MM is in principle ready for use.
- Addition of Activator Waterborne (5-10%) is possible for:
 - o adjusting the viscosity of light metallics
 - o avoiding overspray while painting larger objects
 - o painting in warm and/or dry conditions (low RH)
- Mixed colors must be stirred thoroughly directly after mixing, prior adding Activator
- If a pure Basecoat Waterborne metallic mixing color will be applied, always add Basecoat Waterborne tinter W000 in a mixing ratio 1:4 (1part Metallic :4 parts W000)
- Clean spray gun with a waterborne Guncleaner 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.

Pot-life

Solid and pearl colors: 3 months at 20°C

Metallic colors which do not contain tinter W001: 1 week at 20°C

Metallic colors which do contain tinter W001: 1 day at 20°C

Note:

Adding Wandabase LP Additive increases pot-life of metallics up to 3 months

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Film thickness	Per coat: 10-15 pm Recommended application (2 coats): 20-30pm
Theoretical coverage	Ready for use mixture at recommended layer thickness per coat: 7.5 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 waterborne Gun Cleaner
Product storage	Product shelf life is determined when products are stored unopened at 20°C. Avoid extreme temperature fluctuation.
Shelf Life	Wandabase toners: 12-48 months at 20°C
VOC	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. 386 g/liter

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