

Technical Information

Wanda Topcoat 2K Max

—W1.03.02



Two-pack acrylic topcoat for light commercial vehicles, passenger cars and equipment. For new finish and repairs, from spot-repair up to total re-spray. Wanda Topcoat 2K MAX has a brilliant gloss, with long durability. **This product is not for sale to vehicle refinishers in the EU, who need to comply with the Directive 2004/42/EC**



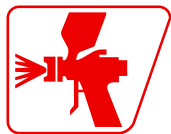
Mixing ratio

2: Wanda Topcoat 2K max
 1: Wanda 320 Hardener Rapid /310 Hardener Standard /300 Hardener Slow
 30%: Wanda Thinners 100 Slow / 110 Standard / 120 Rapid



Mixing stick

Use Wanda measuring stick
W4



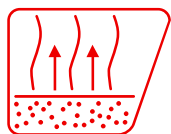
Equipment

Spray gun set-up: 1.2-1.4mm
 Application pressure: 1.7-2.2 bar at the air inlet*
 *See user manual spraygun



Application

2x1 coat
 With flash off in-between coats



Flash-off

Between coats: 3-5 minutes
 Before curing: 5-7 minutes



Drying

15 minutes at 60°C
 6 hours at 20°C



Protection

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

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Product and Additives	Wanda Topcoat 2K Max Hardeners: Wanda 320 Hardener Rapid / 310 Hardener Standard /300 Hardener Slow Thinners: Wanda Thinners 100 Slow / 110 Standard / 120 Rapid
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Basic Raw Materials	Wanda Topcoat 2K Max: Acrylic resins Hardener: Poly-isocyanate resins
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Suitable substrates	Original finishes and old painted surfaces Wanda 600 Filler 4:1 Wanda 610 1K Plastic Primer Wanda 620 Primer Grey/Dark Wanda 630 2K Epoxy Primer Wanda 640 Filler Multi Wanda 650 Filler HB 5:1 White/Grey/Black Wanda 660 1K Etch Primer Wanda 670 Filler HB 4:1 Grey
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Surface Preparation	Existing finishes: Degrease with Wanda Degreaser Sand with P400-P500 grit dry or P800-1000 grit wet
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Mixing Ratio	2: Parts Wanda Topcoat 2K max 1: Part Wanda 320 Hardener Rapid / 310 Hardener Standard /300 Hardener Slow 30%: Wanda Thinners 120 Rapid / 110 Standard / 100 Slow
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Application	Apply a flowing closed layer, allowing for a 3-5minutes* flash-off time at 20°C. (depends on hardener / thinner combination used) Next, apply a full flowing layer, allow for a 5-10 minutes* flash-off time at 20°C before bake.
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**This time can be greatly influenced by the conditions at the time of application*

Viscosity	16-17 seconds DC4 at 20°C
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Drying times	Dry to handle	20°C	60°C
	320 Hardener Rapid	4 hrs	15 min
	310 Hardener Standard	10 hrs	25 min
	300 Hardener Slow	11 hrs	35 min
	Infra-Red: Dry to handle	4 minutes low power	8 minutes high power

Spray gun setup and application pressure	Fluid tip	Pressure
Gravity feed:	1.2-1.4 mm	1.7-2.2 bar*
Suction feed:	1.4-1.6 mm	1.7-2.2 bar*
*See user manual spraygun used		

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Film thickness Per coat: 20-30 pm

Gloss Corrector If a lower, gloss-level is required. Wanda 2K Topcoat Max to MP Gloss Corrector can be added

Gloss level	2K Topcoat MAX parts/weight	2K Topcoat MAX Gloss Corrector parts/weight
Semi-Matt	100	50
Matt	100	125

Theoretical coverage +/- 10 m²/liter per coat

Note: The practical coverage depends on several factors, including shape of the construction, roughness of surface, method of application being used and conditions of application

Cleaning of equipment Use Wanda Gun Cleaner

Polishability Ready to polish minimum 1 hour after full curing

Product storage Product shelf life is determined when products are stored unopened at 20°C. Avoid extreme temperature fluctuation.

Pot-life 1,5 – 3,5 hrs at 20°C (*depends on hardener used*)

Shelf Life Wanda Topcoat 2K Max : 4 years at storage temperature between 5°C and 40°C

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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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