

1 Technical Information

Wanda 2K Topcoat 420

—W1.03.03



Two-component VOC compliant topcoat to be used over Wanda Fillers and existing finish. It can be used for all repair sizes. Wanda 2K Topcoat 420 has excellent gloss, appearance and durability with a quick drying time



Mixing ratio

2: Wanda 2K Topcoat 420
 1: 330 Hardener HS
 20% 140 Thinner HS / 190 Thinner HS Slow



Mixing stick

Use Wanda measuring stick
W3



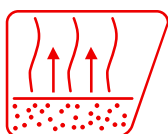
Equipment

Spray gun set-up: 1.2-1.5 mm
 Application pressure: 1.7-2.2 bar
 *See user manual spraygun used



Application

First, apply a thin (just closed) first layer, followed by a full flowing coat after indicated flash off time.



Flash-off

Between coats: 1-3 minutes at 20°C
 Before curing: 5 minutes at 20°C



Drying:

20°C
 12 hours

60°C
 30 minutes



Protection

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

Technical Information

Wanda 2K Topcoat 420

—W1.03.03



Product and Additives	Wanda Topcoat 2K 420 Hardeners: 330 Hardener HS Thinners: 140 Thinner HS / 190 Thinner HS Slow		
Basic Raw Materials	Wanda Topcoat 2K 420: Acrylic and polyester resins Wanda 330 Hardener HS: Polyisocyanate resin		
Suitable Substrates	Original finishes Wanda 610 1K Plastic Primer Wanda 650 Filler HB 5:1 White/Grey/Black Wanda 660 1K Etch Primer 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		
Surface Preparation	Dry sand with P400-P500 or wet sand with P800-P1000. Degrease with Wanda Degreaser		
Mixing	2:	Wanda Topcoat 2K 420	
	1:	330 Hardener HS	
	20%	140 Thinner HS / 190 Thinner HS Slow	
Spray Viscosity	17-22 seconds DIN Cup 4 at 20°C		
Spray gun set up and application pressure	Gravity feed	Fluid tip 1.2-1.5 mm	Pressure 1.7-2.2 bar* HVLV max 0.7 at aircap
	*See user manual spraygun used		
Application	Apply thin (closed) first layer and follow with a full coat. Allow for a flash off time between coats of 1-3 minutes at 20°C. This time can be influenced by the conditions at the time of application. Before bake, allow 5 minutes to flash off.		
Pot-life	45 minutes at 20°C.		
Drying times	Dry to handle: Following the drying cycle at 60°C object temperature, allow Wanda Topcoat 2K 420 to cool down fully to ambient temperature		

Technical Information

Wanda 2K Topcoat 420

—W1.03.03



Film thickness Per coat 25-30 µm

Theoretical coverage 7-8 m²/liter (at a dry layer thickness of 50-60µm)

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

Drying times	20°C	60°C
	Dust free:	90 minutes
Tack free:	6-8 hours	
Dry to handle	12 hours	30 minutes

Gloss Corrector If a lower gloss-level is required, Wanda 2K Topcoat 420 42-00 Gloss Corrector can be added.

Gloss Level	2K Topcoat Parts/Weight	2K Topcoat MAX Gloss Corrector parts/weight
Semi-Matt	100	75
Matt	100	150

Cleaning of equipment Use Wanda Guncleaner

Akzo Nobel Car Refinishes B.V.
Address: Rijksstraatweg 31, PO Box 3, 2170 BA Sassenheim
Tel: +31(0)71308-6944

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.

Coatings 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. www.Wandarefinish.com

Technical Information

Wanda 2K Topcoat 420

—W1.03.03



Product storage Wanda Topcoat 2K 420 MM Toners
4 years at temperatures between 5°C and 40°C

330 Hardener HS
1 year at temperatures between 5°C and 40°C

140 Thinner HS /190 Thinner HS Slow
1 year at temperatures between 5°C and 40°C

VOC **2004/42/II B(d)(420)420**
The EU limit value for this product (product category: II B. d) in ready to use form is max. 420 g/liter of VOC. The VOC content of this product in ready to use form is max. 420 /g/liter.
