

Technical Information

Wanda 4:1 Hi-Performance Clear

W1.05.17 APAC 1 Oct 2017



Wanda Hi-Performance Clear is high viscous, two component clearcoat system provides excellent flow, gloss and smooth finish. It is easy to apply and suitable for all types of repairs, in most application conditions.



Mixing Ratio

- 4 parts by volume: Wanda Hi-Performance Clear
- 1 part by volume: Wanda 4:1 HP Hardener
- 1 part by volume: Wanda 2K Thinner (any)



Equipment

Spray gun: Gravity Feed

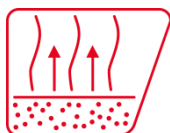
Fluid Tip: 1.2-1.5 mm

Application pressure: 2.5-3 bar at the air inlet



Application

2 x 1 coat



Flash-off

3-5 minutes at 20°C



Wanda 2K Thinner (any)

20°C

> 3 hours

60°C

30 minutes



Protection

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

Read complete TDS for detailed product information

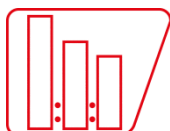
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Product and additives
Wanda Hi-Performance Clear
Wanda 4:1 HP Hardener
Wanda 2K Thinner (any)

Suitable substrates
Sound dry OEM
Wanda Basecoat SB



Mixing
4 parts by volume: Wanda Hi-Performance Clear
1 part by volume: Wanda 4:1 HP Hardener
1 part by volume: Wanda 2K Thinner (any)

Viscosity 15-18 seconds DIN cup #4 at 20°C.

Spray gun set-up and application pressure
Gravity feed 1.2-1.3 mm 1.7-2.2 bar at the spray gun air inlet
HVLP max 0.6-0.7 bar at the air cap

Application First apply a medium closed coat, next apply a full coat after indicated flash off time. This time can be greatly influenced by the conditions at the time of application.

Pot-life Wanda 2K Thinner (any) > 4hrs at 20°C

Drying time



Wanda 2K Thinner (any)

Dust dry	20°C	45 minutes
	60°C	10 minutes
Dry to handle	20°C	>3hrs hours
	60°C	30 minutes
Infra Red	20°C	N.A
	60°C	N.A

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Polishability	Ready to polish minimum 1 hour after cool down to ambient temperature. (after full drying cycle)	
Film thickness	Recommended application (2 coats):	45-60 µm
Theoretical coverage	Ready for use mixture at 1 µm layer thickness: The practical coverage depends on many factors i.e. shape of the object, roughness of the surface, application method and application circumstances.	±311 m ² /liter
Cleaning of equipment	Use Guncleaner, or nitrocellulose thinner	
VOC	The VOC content of this product in ready to use form is max. 602 g/liter.	
Product storage	Product shelf-life is determined when products are stored unopened at 20°C. Avoid extreme temperature fluctuation. Shelf-life: 1 years at 20°C. Wanda Hi-Performance Clear : 2 years Wanda 4:1 HP Hardener: 1 year	

Akzo Nobel Car Refinishes (Singapore) Pte Ltd

Address: 3 Changi Business Park Vista, #06-01 Akzo Nobel House, Singapore 486051

Tel: +65 6635 5262

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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 fulfill 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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Head Office

AkzoNobel Car Refinishes B.V., PO Box 3 2170 BA Sassenheim, The Netherlands. www.wandarefinish.com