
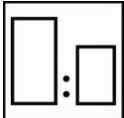
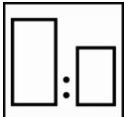





	North America	Technical Data Sheet
	<b>Wanda Low VOC Clearcoat™</b>	
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<b>FOR PROFESSIONAL USE WITH SUITABLE HSE EQUIPMENT</b>		

**Description**

The Wanda Low VOC Clear is an acrylic urethane clearcoat for use over Wanda Waterbase. Intended for ambient cure or low bake conditions, this clear offers excellent resistance to surface contamination with excellent gloss, making it an ideal choice for air dry environments. It also meets the regulatory requirements for clearcoats at 250 g/liter VOC.

	<b>Safety Considerations</b> Use suitable personal protection. AkzoNobel recommends the use of a fresh air supply respirator. Refer to the product Safety Data Sheet (SDS) for more complete safety information.	
	<b>Mixing</b> <b>2</b> <b>1</b> <b>0-10%</b>	Parts by volume Wanda Low VOC Clearcoat Standard or Clearcoat Slow Parts by volume Wanda Low VOC Hardener Added to ready to spray mixture Wanda Low VOC Reducer (Optional for high temperatures and large areas)
	<b>Mixing</b>  <b>1</b> <b>1</b> <b>1</b> <b>0-10%</b>	For facilities located within the Bay Area Air Quality Management District of California: in order to comply with VOC regulations, we recommend the following mix ratio when using Wanda Low VOC Clear.  Parts by volume Wanda Low VOC Clearcoat Standard Parts by volume Wanda Low VOC Clearcoat Slow Parts by volume Wanda Low VOC Hardener Added to ready to spray mixture Wanda Low VOC Reducer (Optional for high temperatures and large areas)
	<b>HVLP or Compliant Spray-Gun Set-Up:</b> 1.3-1.4 mm	<b>Application Air Pressure:</b> Consult spray gun manufacturer specifications. HVLP – 10 psi at the air cap maximum.
	<b>Application</b> 2 single full wet coats	
	<b>Flash Between Coats at 70°F (21°C)</b> 5-10 minutes	
	<b>Air Drying at 70°F (21°C)</b> Dust Free 15 minutes	Dry to Handle 60-90 minutes <i>Dependent of film weight.</i>
	<b>Force Drying at 120°F (49°C)</b> Dry to Handle 30 minutes	<b>Polishing: (Color sand and compound)</b> 2-3 hours at 70°F (21°C) 30 minutes at 120°F 49°C)

Read complete TDS for detailed product information.



# Wanda Low VOC Clearcoat™

FOR PROFESSIONAL USE WITH SUITABLE HSE EQUIPMENT

## Description

The Wanda Low VOC Clear is an acrylic urethane clearcoat for use over Wanda Waterbase. Intended for ambient cure or low bake conditions, this clear offers excellent resistance to surface contamination with excellent gloss, making it an ideal choice for air dry environments. It also meets the regulatory requirements for clearcoats at 250 g/liter VOC.

## Suitable Substrates

- Wanda Waterbase – Allow the basecoat color a minimum flash off time of 20 minutes at 77°F (25°C) or until matte.
- Existing finish that is thoroughly prepared in the case of spot repairs and blending

## Products and Additives

<b>Product</b>	Wanda Low VOC Clear Standard	Item #481327 (3.785 L)
	Wanda Low VOC Clear Slow	Item #481329 (3.785 L)
<b>Hardeners</b>	Wanda Low VOC Hardener	Item #481326 (0.946 L)
<b>Reducer</b>	Wanda Low VOC Reducer Optional for high temperature or large areas	Item #481330 (0.946 L)

## Basic Raw Materials

- Wanda Low VOC Clearcoat Standard and Slow – Acrylic polyol resins
- Wanda Low VOC Hardener – Polyisocyanate resins
- Wanda Low VOC Reducer – VOC exempt and non-exempt solvents

## Mixing

	<b>2</b> <b>1</b> <b>0-10%</b>	Parts by volume Wanda Low VOC Clearcoat Standard or Clearcoat Slow Parts by volume Wanda Low VOC Hardener Added to ready to spray mixture Wanda Low VOC Reducer (Optional for high temperatures and large areas) <b>Note:</b> Standard and Slow clearcoats may be combined to accommodate repair size and spraying conditions.
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\*For facilities located within the Bay Area Air Quality Management District of California: in order to comply with VOC regulations, we recommend the following mix ratio when using Wanda Low VOC Clear

	<b>1</b> <b>1</b> <b>1</b> <b>0-10%</b>	Parts by volume Wanda Low VOC Clearcoat Standard Parts by volume Wanda Low VOC Clearcoat Slow Parts by volume Wanda Low VOC Hardener Added to ready to spray mixture Wanda Low VOC Reducer (Optional for high temperatures and large areas)
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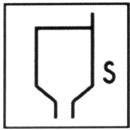
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**Viscosity When Mixed**

DIN #4

**14-16  
seconds**

Measured with a DIN #4 viscosity cup at 70°F (21°C).

**Pot-Life When Mixed****Product Mix****70°F (21°C)****95°F (35°C)**

Wanda Low VOC Standard or Slow Clear

45 minutes

30 minutes

**Spray Gun Set-Up****Consult spray gun manufactures instructions for specific spray gun pressure specifications.****Spray Gun****Fluid Tip****Application Pressure**

Siphon feed

1.4-1.5 mm

40 to 50 psi at the spray gun air inlet

HP Gravity

1.3-1.4 mm

40 to 50 psi at the spray gun air inlet

RP Gravity

1.3-1.4 mm

35 psi at the spray gun air inlet

HVLP Gravity

1.3-1.4 mm

29 psi at the spray gun air inlet

➤ HVLP max 10 psi at the air cap.

**Application**

Apply 2 single full wet coats.

Allow a flash off time between coats of 5-10 minutes. Flash time will be dependent on ambient temperature, applied paint wetness/thickness and available air-flow.

**Film Thickness – Using Suitable Application**

2Coats will achieve a thickness of 2.4-3.0 mils (60 – 75µm)

**Drying / Curing Time**

Drying times are stated a recommended application method, film thickness and object temperature.

	<b>Standard Clear</b>	<b>70°F (21°C)</b>	<b>95°F (35°C)</b>	<b>120°F (49°C)</b>
	Dust Free	15 minutes	10 minutes	5 minutes
	Dry to Handle	1-1.5 hours	30 minutes	25 minutes
	Dry to Polish	2-3 hours	1.5-2.5 hours	30 minutes



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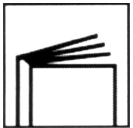
	Slow Clear	70°F (21°C)	95°F (35°C)	120°F (49°C)
	Dust Free	20 minutes	30 minutes	10 minutes
	Dry to Handle	2.5 hours	1.5 hours	30 minutes
	Dry to Polish	3-4 hours	3 hours	30 minutes



Drying / Curing with short wave light IR equipment and a surface distance of 20 – 27 inches (50 – 70cm). The object temperature must not reach a temperature above 212°F (100°C).

- Allow 3-5 minutes flash off before infra-red curing.
- Cure 5 minutes on low power followed directly by a 10 minute full power cure.

## Recoating



Recoatable with itself after full drying cycle. Sanding becomes necessary if there are defects or after 24 hours.

## Polishing



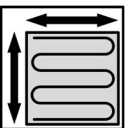
Dust and minor damage can be polished out after the stated air-dry times have been reached, or after a full bake at 120°F (49°C) object temperature, followed by approximately 1 hour cool down of the object to ambient temperature.

## Cleaning of Equipment



Clean equipment following local and federal regulations using gun cleaner

## Theoretical Coverage



Theoretical coverage is dependent of many factors. These may include; the shape of the object, surface smoothness, application technique and other application variables among others.

Standard Clear (2:1) per coat of unmixed paint 174.26 sq.ft/liter (16.19 m2/liter)

Standard Clear (2:1:10%) per coat of unmixed paint 153.49 sq.ft/liter (14.26 m2/liter)

Slow Clear (2:1) per coat of unmixed paint 187.69 sq.ft/liter (17.44 m2/liter)

Slow Clear (2:1:10%) per coat of unmixed paint 164.68 sq.ft/liter (15.30 m2/liter)



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## VOC / Regulatory Information



(2:1:10%-optional Ratio; ready to spray) Wanda Low VOC Standard Clear :  
2.1 lb/gal (250 g/Liter) max, not to exceed

(2:1:10%-optional Ratio, ready to spray) Wanda Low VOC Slow Clear:  
2.1 lb/gal (250 g/Liter) max, not to exceed

(1:1:1:10% optional ratio ready to spray)  
2.1 lb/gal (250 g/Liter) max, not to exceed

## Product Storage



Stock unopened or used products in approved closed containers with proper labeling. Store in moderate temperatures between 40°F - 95°F (5°C – 35°C). Avoid too much temperature fluctuation. Optimum storage temperature is approximately 70°F (21°C).

Wanda Low VOC Standard and Slow Clear      1 year

Wanda Low VOC Hardener      6 months

## FOR PROFESSIONAL USE WITH SUITABLE HSE 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 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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AkzoNobel  
1845 Maxwell Street  
Troy, MI 48084 USA  
1-800-618-1010