

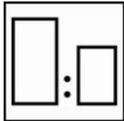


Wanda Low VOC Clear

FOR PROFESSIONAL USE ONLY

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.



2 Wanda Low VOC Standard Clear or Wanda Low VOC Slow Clear
1 Wanda Low VOC Hardener
0-10% Wanda Low VOC Reducer (optional- high temp / large areas)



Use Wanda Universal Mixing Stick

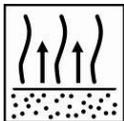


Gravity spray gun set-up:
1.3 -1.4 mm

Application pressure:
HVLP Max 10 psi at air cap
➤ Check gun manufacturer specification



2 coats



Between coats:
5 – 10 minutes at 70° F (20° C)



Air Drying:
Dust free;
15 minutes at 70°F (20°C)

Dry to handle;
1 to 1½ hours at 70°F (20°C)
Dependant on film build



Force drying:
Dry to handle;
30 minutes at 120° F (49° C)



Polishing: (Color-sand and compound);
2 to 3 hours at 70° F (20° C)
30 minutes at 120° F (49° C)



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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Spray gun set-up / application pressure



Spray gun:	Fluid tip-set-up:	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
		<ul style="list-style-type: none"> ➤ HVLP max 10 psi at the air cap. ➤ Check gun manufacturer specification

Pot-life

With:	At 70°F (20°C)	At 95°F (35°C)
Wanda Low VOC Standard or Slow Clear	45 minutes	30 minutes

Application



Apply 2 single full wet coats.

Allow a flash off time of 5 to 10 minutes between the coats, this will depend on ambient temperature, applied layer thickness and airflow.

Film thickness when using the recommended application

2 coats 2.4 -- 3.0 mils (60 - 75µm)

Drying time



	at 70°F (20°C)	at 95°F (35°C)	At 120°F (49°C)
Standard Clear			
Dust free	15 minutes	10 minutes	5 minutes
Dry to handle	1 to 1½ hours	30 minutes	25 minutes
Dry to polish	2 to 3 hours	1½ to 2½ hours	30 minutes

	at 70°F (20°C)	at 95°F (35°C)	At 120°F (49°C)
Slow Clear			
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 times relate to recommended application (film thickness) and object temperature



Distance between short wave IR unit and object. 20- 27inches (50-70 cm)
Allow 3 to 5 minutes flash off before Infra red curing
Cure 5 minutes low power setting followed by 10 minutes high power setting.

➤ The panel must not reach a temperature above 100°C while curing.





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Recoatable and blending

Recoatable with itself after full drying cycle. Sanding becomes necessary if there are defects or after 24 hours..
For blending (spot repairs and panel blends), Please see Spot Repairs TDS with Wanda Waterbase data sheet.

Theoretical coverage

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)

➤ *The practical coverage depends on many factors i.e. shape of the object, roughness of the surface, application techniques, pressure and application circumstances.*

Polishability



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.

Carefully sand out dust particles and restore the surface according to the polishing recommendations. Sand out dust particles with #1500 then #2000 grit paper wet or finish with the 3M Perfect-It™ Paint Finishing System.

1. Trizact foam disc P3000 followed with Perfect-It™ Rubbing Compound (PN 06085/06086) using the Superbuff™ III Wool Pad (PN 05703).
2. Remove compounding swirls by using Perfect-It™ Machine Polish (PN 06064 / 06065) using Perfect-It™ Plus Foam Polish Pad (PN 05738).
Complete the system, if necessary with;
3. Perfect-It™ Ultrafine Machine Polish (PN 06068 / 06069) using the Ultrafine Foam Polishing Pad (PN 05733)

Cleaning of equipment

Gun cleaner

VOC

(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) Blend of Wanda Low VOC Standard Clear and Wanda Low VOC Slow Clear	2.1 lb/gal (250 g/Liter) max, not to exceed

Product storage

Store products unopened, and used products with closed lids preferably between 40°F-95°F (5°C-35°C) Avoid too much temperature fluctuation, optimal storage temperature approximately 70°F (20°C) ;wa/

Wanda Low VOC Standard & Slow Clear : 1 year Wanda Hardener 6 Months

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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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