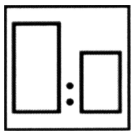
	North America	Technical Data Sheet
WANDA	**Wanda 8200 Spot and Panel Clearcoat**	Clearcoat 04/14/2017
		FOR PROFESSIONAL USE ONLY

Description

Wanda 8200 Spot and Panel Clearcoat is an acrylic urethane clearcoat for use over Wanda Basecoats. Wanda 8200 Spot and Panel Clearcoat offers high gloss and is designed for air dry and baking conditions. It is designed to be sprayed over spot, panel and multi-panel areas in a wide variety of environments.

Safety Considerations
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.



3	Wanda 8200 Spot and Panel Clearcoat
1	Wanda 8200 Spot and Panel Hardener

HVLP or Compliant Spray-Gun Set-Up:

1.3-1.5 mm

Application Air Pressure:

Consult spray gun manufacturers' specifications. HVLP – 10 psi at the air cap maximum.

Application
Apply 2-3 medium coats, allowing flash off time between coats

Flash Between Coats at 70°F (21°C)

0-10 minutes

Flash Before Force Drying at 140°F (60°C)

0-5 minutes

Drying

Drying times are dependent on the clearcoat mixture being applied. Please reference tables within this TDS. All drying times relate to standard application and object temperature.

Read complete TDS for detailed product information.

	North America	Technical Data Sheet
	Wanda 8200 Spot and Panel Clearcoat	**Clearcoat** **04/14/2017**
		FOR PROFESSIONAL USE ONLY

Description

Wanda 8200 Spot and Panel Clearcoat is an acrylic urethane clearcoat for use over Wanda Basecoats. Wanda 8200 Spot and Panel Clearcoat offers high gloss and is designed for air dry and baking conditions. It is designed to be sprayed over spot, panel and multi-panel areas in a wide variety of environments.

Suitable Substrates

- Wandabase HS solid, metallic and pearl colors after a flash off time of 15-20 minutes at 70°F (21°C)
- Wanda Waterbase after a flash off time of 15 minutes at 70°F (21°C) or completely matte
- Existing finishes that have been sanded and degreased

Products

Clearcoat	Wanda 8200 Spot and Panel Clearcoat	Item #551680
Hardener	Wanda 8200 Spot and Panel Hardener	Item #551750

Basic Raw Materials

-Wanda 8200 Spot and Panel Clearcoat: hydroxyl acrylic resins
-Wanda 8200 Spot and Panel Hardener: polyisocyanate resins

Substrate Preparation

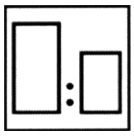
Sanding Preparation

	Dry Sanding	Wet Sanding
Existing Finishes	#P320 – #P400	#P500 – #P600

Surface Cleaning – Prior to Paint Application

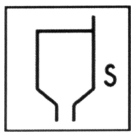
- Clean sanded surfaces with WandaClean Degreaser or AutoPrep UltraPrep
- Tack off basecoat surfaces prior to clearcoat application

Mixing



3	Wanda 8200 Spot and Panel Clearcoat
1	Wanda 8200 Spot and Panel Hardener

Viscosity When Mixed



DIN #4

13-16 seconds

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

Pot-Life When Mixed

Product Mix	70°F (21°C)
Wanda 8200 Spot and Panel Clearcoat	1 hour

As temperature increases, potlife will be decreased.

Spray Gun Set-Up

Consult spray gun manufactures instructions for specific spray gun pressure specifications.

Spray Gun	Fluid Tip	Application Pressure
HVLP Gravity Fed	1.3-1.5 mm	Max 10 psi at the air cap
Compliant Gravity Fed	1.3-1.5 mm	Consult manufacturer recommendations

Application

Apply 2 single wet coats. If heavy polishing is required a third coat may be applied after the stated flash off time.

Allow a flash off time between coats of 0-5 minutes. Flash time will be dependent on ambient temperature, applied paint wetness/thickness and available air-flow.

Film Thickness – Using Suitable Application

1 Coat will achieve a thickness of 1.2-1.5 mils (30 – 38µm).

Drying / Curing Time

Drying times are stated a recommended application method, film thickness and object temperature. Drying temperatures are provided for metal or object temperature.

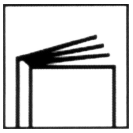
Drying Table (Object temperature):

	70°F (21°C)		140°F (60°C)	
	Dust Free	**Dry to Handle**	**Dust Free**	**Dry to Handle**
Wanda 8200 Spot and Panel Clearcoat	30 minutes	4 hours	6 minutes	15 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 0-5 minutes flash off before infra-red curing.
- Cure 6 minutes on low power followed directly by a 6 minute full power cure.

Recoating

	Wanda 8200 Spot and Panel Clearcoat can be recoated with itself at any stage. Sanding will become necessary after 12 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 140°F (60°C) metal temperature followed by a cool down to ambient temperature. Carefully sand out dust particles with #10 micron (#P1500) grit paper wet and then polish the area. Note: When heavy sanding is required, it may be necessary to apply one extra coat of Wanda 8200 Spot and Panel Clearcoat.

Decals / Lettering

	Decals and lettering can be applied after 48 hours at 70°F (21°C). After 48 hours, scuff with a gray scuff pad.

Cleaning of Equipment

	Clean equipment following local and federal regulations. For national rule regions, use Wanda Reducer 407.04001

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. · 644 sq. ft. / gallon or 16.7 m^2/liter of ready to use clearcoat at 1 mil dry film thickness and 100% transfer efficiency.

VOC / Regulatory Information

	Ready to spray clearcoat VOC at 3.93 lbs/gal (471 g/L)

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 8200 Spot and Panel Clearcoat	2 years
	Wanda 8200 Spot and Panel Hardener	6 months

AkzoNobel 1845 Maxwell Street Troy, MI 48084 USA Telephone: 800.618.1010

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 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.

Coatings brand names mentioned in this data sheet are trademarks of or are licensed to AkzoNobel.

Head Office AkzoNobel B.V., PO Box 3 2170 BA Sassenheim, The Netherlands.