



North America

Programmed System Technique (PST)  
Clearcoat  
10/16/2020

# 4100 LV 2K Universal Clear

Wanda 4100 LV 2K Universal Clear is a low VOC clearcoat for use over Wanda basecoats. 4100 LV 2K Universal Clear delivers outstanding results in an easy to spray 4:1 ratio. This clearcoat performs in a wide variety of conditions with excellent gloss and easy detailing.



### Safety Considerations

- Use suitable personal protection.
- When exposed to paint or solvents AkzoNobel recommends the use of a fresh air supply respirator.



### Surface Preparation

- Wanda basecoats
  - After the TDS indicated flash time before application.
- Existing clearcoat
  - Thoroughly abraded with P1000 dry or a gray scuff pad.



BY VOLUME

### Mix

4  
1

### By Volume

- Parts Wanda 4100 LV 2K Universal Clear
- Part Wanda 4100 LV Activator (Fast, Medium, or Slow)



### Spray-Gun Set-Up:

- 1.3 – 1.5mm HVLP Gravity
- 1.3 – 1.5mm Compliant

### Application Air Pressure:

- HVLP – 10 psi (<0.7 bar) at cap maximum.
- Consult manufacturer specifications.



### Application

- 2-3 x 1 Coats (2-3 single wet coats)



### Flash Between Coats at 70°F (21°C)

- 1<sup>st</sup> coat: 10 – 15 minutes
- 2<sup>nd</sup> coat: 15 – 20 minutes

### Flash at 70°F (21°C) Before Force Drying

- 10 minutes



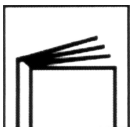
### Air Drying at 70°F (21°C)

- Dry to Handle in 12-24 hours

### Force Drying at 140°F (60°C)

- Dry to Handle in 20-30 minutes

✓ *Dependent on activator selection, film weight, and air flow.*



### Re-Coatable With:

- May be recoated after a full drying cycle.
  - After dry, the surface must be abraded before recoating.

Read the complete TDS and the product Safety Data Sheet (SDS) for detailed product information.

**4100 LV 2K Universal Clear****Description**

Wanda 4100 LV 2K Universal Clear is a low VOC clearcoat for use over Wanda Basecoat. 4100 LV 2K Universal Clear offers excellent results with an easy to spray 4:1 ratio. This clearcoat performs in a wide variety of conditions with excellent gloss and easy detailing.

**Product Assortment****Product**

- Wanda 4100 LV 2K Universal Clear
- Wanda 4100 LV Activator Fast
- Wanda 4100 LV Activator Medium
- Wanda 4100 LV Activator Slow

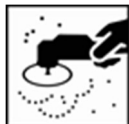
**Item**

- Item #585278 (1 Gal)
- Item #585281 (1 Qt)
- Item #585280 (1 Qt)
- Item #585279 (1 Qt)

**Shelf Life**

- 3 Years
- 3 Years
- 3 Years
- 3 Years

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).

**Surface Preparation**

- Wanda basecoats ○ After the TDS indicated flash time before application of clearcoat.
- Existing Clearcoat ○ Thoroughly abraded with P1000 dry or a gray scuff pad.
- Use suitable surface cleaners and technique to ensure a clean surface.

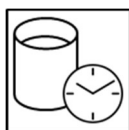
**Mixing**

BY VOLUME

**Mix**  
4  
1

**Standard Mix**

- Parts Wanda 4100 LV 2K Universal Clear
- Part Wanda 4100 LV Activator (Fast, Medium, or Slow)

**Pot-Life When Mixed****Product Mix**

- Wanda 4100 LV 2K Universal Clear (Fast or Medium)
- Wanda 4100 LV 2K Universal Clear (Slow)

**At 70°F (21°C)**

- 2 hours
- 3 hours

✓ A shorter pot-life can be expected in higher temperatures.

**Viscosity – Ready to Spray**

**17-19  
Seconds**

- Measured with a Zahn #2 viscosity cup at 70°F (21°C).

**4100 LV 2K Universal Clear****Spray-Gun Set-Up****Spray-Gun Set-Up:**

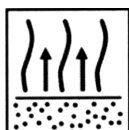
- 1.3 – 1.5mm HVLP Gravity
- 1.3 – 1.5mm Compliant

**Application Air Pressure:**

- HVLP – 10 psi (<0.7 bar) at cap maximum.
- Consult manufacturer specifications.

**Application****Application**

- 2-3 x 1 Coats (2-3 single wet coats)
  - Flash dry between coats

**Flash Drying****Flash Between Coats at 70°F (21°C)**

- 1<sup>st</sup> coat: 10 – 15 minutes
- 2<sup>nd</sup> coat: 15 – 20 minutes

**Flash at 70°F (21°C) Before Force Drying**

- 10 minutes

✓ Flash time is dependent on temperature and application

**Drying / Curing Time****Product Selection**

- 4100 LV 2K Universal Clear (Fast)
- 4100 LV 2K Universal Clear (Medium)
- 4100 LV 2K Universal Clear (Slow)

**At 70°F (21°C)  
Dust Free**

≈30 minutes  
≈45 minutes  
≈60 minutes

**At 70°F (21°C)  
Dry to Handle**

≈12 hours  
≈18 hours  
≈24 hours

**At 140°F (60°C)  
Dry to Handle**

≈20 minutes  
≈25 minutes  
≈30 minutes

- When baked, allow repair to cool down for approximately 1 hour before polishing.

**Recoating****Recoatability**


- May be recoated after a full drying cycle.
  - After dry, the surface must be abraded before recoating.

**VOC / Regulatory Information**

Notice: Do not handle until the Safety Data Sheets have been read and understood. Regulations require that all employees be trained on Safety Data Sheets for all chemicals with which they come in contact. The manufacturer recommends the use of an air-supplied respirator when exposed to vapors or spray mist.

- The VOC content of 4100 LV 2K Universal Clear in ready to use form is ≤ 2.1 lb/gal (250 g/L)\*

\*Bay Area Air Quality Management District (BAAQMD) does not recognize methyl acetate as a VOC exempt solvent. Therefore, this clearcoat is not recommended for use in that district.

	North America	Technical Data Sheet	
	<b>4100 LV 2K Universal Clear</b>		Clearcoat
			10/16/2020
			Page 4 of 4
<b>FOR PROFESSIONAL USE WITH SUITABLE HSE EQUIPMENT</b>			

**AkzoNobel Inc., North America**  
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**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 Safety 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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