

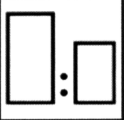







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|--|---------------------------------------|----------------------|------------|
|  | North America | Technical Data Sheet | |
| | Wanda 8000 Universal Clearcoat | | Clearcoat |
| | | | 04/28/2017 |
| FOR PROFESSIONAL USE ONLY | | | |

Description

Wanda 8000 Universal Urethane Clear is water white clear-coat designed for spot or larger repairs and complete refinishing over Wandabase HS basecoat. Wanda 8000 dries fast and with 3093 Standard, 3090 Slow, or 3088 Extra Slow hardeners can be applied in a variety of shop temperatures and humidity conditions and job sizes.

| | | | |
|---|---|--|---------------------------------|
|  | 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. | | |
|  | 4 1 | Mixing Wanda 8000 Universal Clearcoat Wanda 3093 Standard, 3090 Slow or 3088 Extra Slow Hardener | |
|  | HVLP or Compliant Spray-Gun Set-Up: 1.3-1.6 mm | Application Air Pressure: HVLP 6-10 psi at the air cap maximum. 40-50 psi at spray gun air inlet Consult spray gun manufacturers' specifications | |
|  | Application Apply 2-3 wet coats allowing flash off time between coats | | |
|  | Flash Between Coats at 70°F (21°C) 10-15 minutes | Flash Before Force Drying at 70°F (21°C) 10-15 minutes | |
|  | Hardener Selection | Buffable at 70°F (21°C) | Buffable at 140°F (60°C) |
| | 3093 Standard Hardener | 3-5 hours | 20 minutes |
| | 3090 Slow Hardener | 4-6 hours | 30 minutes |
| | 3088 Extra Slow Hardener | 8-10 hours | 30 minutes |

Read complete TDS for detailed product information.

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Description

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Suitable Substrates

- Wandabase HS Basecoat
 - After a minimum flash off time of 15-20 minutes at 70°F (21°C)
 - Wandabase HS should not be sanded before clearcoat application
- Existing finishes that are thoroughly prepared, in the case of spot repairs and blending.

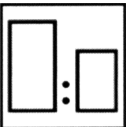
Products and Additives

| | | |
|------------------|--|--|
| Product | Wanda 8000 Universal Clear | Item #552866 |
| Hardeners | Wanda 3093 Standard Hardener - A faster hardener for small repair areas and the sides of vehicles in colder weather | Item #391714 (1L) Item #391715 (0.225L) |
| | Wanda 3090 Slow Hardener - A general purpose hardener for all repair sizes | Item #391712 (1L) Item #391713 (0.225L) |
| | Wanda 3088 Extra Slow Hardener - An extra slow hardener for large repairs and very high temperatures | Item #397741 (1L) |

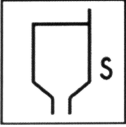
Basic Raw Materials

- Wanda 8000 Universal Clear – Acrylic resins, solvents, and additives
- Wanda Hardeners – Polyisocyanate resins and solvents

Mixing – General

| | | |
|---|----------------------|---|
|  | 4 1 | Mixing Wanda 8000-Universal Clearcoat Wanda 3093 Standard, 3090 Slow or 3088 Extra Slow Hardener |
|---|----------------------|---|

Viscosity When Mixed

| | | |
|---|--------------------------------|---|
|  #2 Zahn | 16-18 seconds | Measured with a #2 Zahn viscosity cup at 70°F (21°C). |
|---|--------------------------------|---|



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Wanda 8000 Universal Clearcoat

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FOR PROFESSIONAL USE ONLY**Pot-Life When Mixed****Product Mix****70°F (21°C)**

3093 Standard, 3090 Slow and 3088 Extra Slow mixtures ready to spray

4-5 hours

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

45-50 psi at the spray gun inlet (<10 psi at cap).

HVLP Pressure Feed

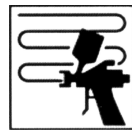
0.8-1.0 mm

6-10 psi at air cap

Siphon Feed

1.5-1.6 mm

45-50 psi at the spray gun air inlet

Application

Apply 2 wet coats, allowing flash off time between coats

Film Thickness – Using Suitable Application

2 Coats will achieve a thickness of 2.0-2.5 mils (50-62.5 µm).

Drying / Curing Time

Allow a 10-30 minute flash off time before moving the car into a pre-heated drying oven (booth). All drying times relate to application and object temperature.

Wanda 3093
Standard HardenerWanda 3090
Slow HardenerWanda 3088 Extra Slow
Hardener**70°F (21°C)****Dust Free**

10-15 minutes

10-15 minutes

20-30 minutes

Tack Free

20-30 minutes

25-35 minutes

45-60 minutes

Buffable

3-5 hours

4-6 hours

8-10 hours

To Deliver

5 hours

8 hours

10 hours

110°F (43°C)**To Deliver**

30 minutes

45 minutes

45 minutes

120°F (49°C)**To Deliver**

30 minutes

45 minutes

45 minutes

140°F (60°C)**To Deliver**

20 minutes

30 minutes

30 minutes



North America

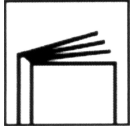
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Recoating



Recoat with itself after drying full cycle, sanding becomes necessary if there are defects or after 24 hours. Apply each clearcoat layer within 30 minutes flash of the previous coat to prevent possible re-coat lift.

Buffing

If buffing is needed to remove dirt, allow the clearcoat to dry the recommended time then wet sand with 800-1000 grit sandpaper followed by 1500 grit sandpaper. When all 800-1000 scratches are removed, buff with a fine grade liquid rubbing compound followed by a polish or glaze applied by hand or machine.

Cleaning of Equipment



Use Wanda Reducer – 391709

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.

- 453 sq. ft. / liter (11 m²/liter) per coat

VOC / Regulatory Information

The VOC content of this product (4:1) ratio in ready to use form is 4.1 lbs/gal (495 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).

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| Wanda 8000 Universal Clearcoat | 2 years |
|--------------------------------|---------|

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|------------------------------|---------|
| Wanda 3093 Standard Hardener | 2 years |
|------------------------------|---------|

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|--------------------------|---------|
| Wanda 3090 Slow Hardener | 2 years |
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| | |
|--------------------------------|---------|
| Wanda 3088 Extra Slow Hardener | 2 years |
|--------------------------------|---------|

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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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