

# ZOOM

## High Speed Urethane Clear



TECHNICAL DATA SHEET

V2010 ZOOM Clear is a high-production 4:1 clear designed for spot and panel repairs, small refinish jobs and other situations where efficient throughput is essential. A new and improved formula makes this high-speed clear even easier to use with better flow and leveling. ZOOM is easy to polish, even several days after application. A versatile spot and panel repair product, V2010 provides excellent gloss retention and distinctness of image, with superb resistance to shrinkage or die back.

May be used with Kirker's single-stage urethane paint system or other manufacturer's basecoat or single-stage paint systems.

- National Rule Compliant
- Super fast dry time increases shop productivity
- Buff fast, deliver quickly
- Excellent flow and leveling
- Easy 4:1 mix ratio
- Beautiful gloss
- Excellent distinctness of image

### COATING TYPE:

Fast Drying Acrylic Urethane Clear

### PRODUCT CODE:

V2010 (Gallon)

### ACTIVATORS:

0065 Fast (Below 65°F)

0075 Medium (65°F – 85°F)

0085 Slow (Above 85°F)

### REDUCERS:

UR-9065 / UR-8065 Fast (Low temp)

UR-9075 / UR-8075 Medium (Mid temp)

UR-9085 / UR-8075 Slow (High temp)

UR-9095 / UR-8095 Super slow (Very high temp)

UE-8000 Universal Zero-VOC Reducer



### PHYSICALS:

<b>Appearance:</b>	Water white
<b>Weight per Gallon:</b>	7.99 lbs
<b>Package Measure:</b>	U.S. gallon (3.785 liters)
<b>RTS viscosity:</b>	18-21 sec. in #2 Zahn Cup
<b>Packaged VOC:</b>	4.2 lbs/gallon

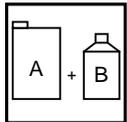


**SURFACE PREP:**

If applying clearcoat to existing finish, remove all traces of wax, grease, silicone, oil and other contaminants with detergent wash, followed with a solvent wash (such as Kirker's 650 Wax & Grease Remover). Sand existing finish to abrade with 600-800 grit. Re-clean with final wash cleaner (such as Kirker's 600 Surface Wash).

ZOOM Clear may be applied wet-on-wet over basecoats after sufficient flash time (approximately 15-20 minutes). If applying clearcoat to newly applied (but cured) paint, sand undercoat with 800 grit before recoating to ensure sufficient adhesion.

Be sure to mask all adjacent panels to prevent dry overspray.



**MIXING:**

Mix ratio: 4:1 by volume. Thoroughly mix four (4) parts V2010 ZOOM Clear with one (1) part of the appropriate Activator (0065, 0075, 0085), depending on air flow and shop temperatures.

Temperature range	Less than 65° F	Between 65° F - 80° F	More than 80° F
Activator	0065 (fast)	0075 (medium)	0085 (medium)

No additional reduction is required, though a high-quality urethane-grade reducer may help with flow and leveling during the application process. Reduce the activated mixture by up to 15% to further improve sprayability. Selecting the appropriate urethane-grade reducer depending on shop temperature may also reduce the change of orange peel. Take care not to overreduce, as that may raise the ready-to-spray VOC above legal limits, according to the National Rule.

Temperature range	Less than 70° F	70° F - 80° F	80° F – 90°F	Above 90°F
Reducer (Gallon)	UR-9065 (Gal)	UR-9075 (Gal)	UR-9085 (Gal)	UR-9095 (Gal)
Reducer (Quart)	UR-8065 (Qt)	UR-8075 (Qt)	UR-8085 (Qt)	UR-8095 (Qt)
Speed	FAST	MEDIUM	SLOW	SUPER SLOW

If necessary, Kirker's UFE8 Universal Fish Eye Eliminator may be added to the mix (1/2 ounce of UFE8 per ready-to-spray quart of ZOOM Clear).

Caution: Mix only as much material as you will need to complete the immediate job.

**4:1**

V2010 ZOOM Clear	4 oz	12 oz.	24oz.	36 oz.
0065, 0075, 0085	1 oz.	3 oz.	6oz.	9 oz.
<b>TOTAL MIXTURE</b>	<b>5 oz.</b>	<b>15oz.</b>	<b>30 oz.</b>	<b>45 oz.</b>



**POT LIFE:**

Approximately 2 hours at 70°F

Caution: Pot life of mixed components is significantly shorter at elevated temperatures and in humid conditions. These environmental factors also may affect flow and leveling during the application process.



**GUN SETTINGS:**

<u>GUN TYPE</u>	<u>TIP SIZE</u>	<u>AIR PRESSURE</u>
Conventional Siphon Feed:	1.4 mm – 1.8 mm	45-50 psi at the gun
Conventional Gravity Feed:	1.4 mm – 1.6 mm	45-50 psi at the gun
HVLP	1.3 mm – 1.5 mm	8-10 psi at the tip

*Always refer to gun manufacturer's recommendations for additional details on suggested tip size, air pressure and other adjustments.*



**APPLICATION:**

Apply V2010 in two (2) to three (3) wet coats as necessary to achieve the desired build, allowing five minutes (5) minutes flash time between coats (+/- depending on air flow and temperature).



**DRY TIMES:**

	<u>AIR DRY</u>	<u>FORCE DRY</u> (Bake for 20-30 minutes at 120° F after five-minute flash)
Dust free:	5 minutes	End of cycle
Tack free:	1 hour	End of cycle
Polish:	3-4 hours	20 minutes after cycle
Tape:	8 hours	20 minutes after cycle
Stripe:	Next day	20 minutes after cycle
Deliver:	Next day	20 minutes after cycle
Decal:	48 hours	20 minutes after cycle

*Air-dry times may vary slightly depending on shop temperatures, airflow and total film thickness. All dry times listed are approximate, at 70° - 75°F*



**CLEANUP:**

Close all containers tightly after each use. Clean gun and spray equipment with gun wash or other appropriate solvent products immediately after application to prevent damage.

Shelf life of 0065, 0075 and 0085 Activators is limited once cans have been opened. These products are extremely susceptible to oxygenation and exposure to moisture. Therefore, containers should be closed tightly, with a clean seal, as quickly as possible. Also, activators should be stored at a consistent temperature to prevent the formation of condensation inside the can.



**RECOAT WINDOW:**

V2010 should not be recoated more than one hour after the completion of the previous coat. If more than one hour has elapsed, wait 4-6 hours (depending on air flow and temperature) before recoating. After 18 hours, V2010 may be recoated, but only after the surface has been abraded with 600-800 grit sandpaper to promote sufficient adhesion.



**POLISH:**

After four (3-4) hours dry time or 40-minute bake cycle, V2010 may be sanded with 1500 grit or finer to abrade surface and/or remove dust nibs and other imperfections such as orange peel, then with 2000 grit or finer sand paper to remove all 1500-grit scratches.

Use a wool pad or foam pad in combination with a high-quality clearcoat finishing compound, following material manufacturer's instructions. Follow with a high-quality finishing glaze applied either by hand, or variable-speed buffer.

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**HEALTH / SAFETY PRECAUTIONS:**

THIS PRODUCT IS INTENDED FOR USE BY PROFESSIONALS ONLY.

USE THIS PRODUCT ONLY WITH ADEQUATE VENTILATION: Wear appropriate, properly fitted fresh-air-supplied NIOSH/MSHA-approved respirator (TC-19C or equivalent) as directed by the manufacturer. Protect hands with impervious nitrile gloves. Always wear eye and face protection. Individuals with lung or breathing problems should neither use nor be exposed to this product, its vapors or spray mist. READ ALL WARNINGS ON ALL LABELS BEFORE USING.

This product is designed to be mixed with other components. Mixture will have hazards of all components. Before opening the packages, read all warning labels. Follow all precautions. See Material Safety Data Sheet for additional health and safety information.

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**WARRANTY:**

All recommendations for the use of Kirker products are based on tests and experience believed to be reliable. Since the methods of use, conditions of application, and the application itself are beyond our control, product warranty is restricted to replacement of material only. No other warranty, written or oral, is expressed or implied.

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**FOR ADDITIONAL INFORMATION:**



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