

**PURE REFLECTIONS
PRODUCT TECHNICAL DATA SHEET
MARCH 2017**

PRODUCTS

PR101	PURE REFLECTIONS 4.4 VOC Clearcoat	Gallon
PR70	PURE REFLECTIONS 4.4 VOC Fast Activator (Low Temp / small job)	Quart
PR80	PURE REFLECTIONS 4.4 VOC Medium Activator (Mid Temp / mid size job)	Quart
PR90	PURE REFLECTIONS 4.4 VOC Slow Activator (High Temp / large job)	Quart

DESCRIPTION

PR101 is a general-purpose economy urethane clearcoat for automotive refinishing.

BASECOAT

Apply basecoat as per manufacturer's mixing and application instructions. Allow sufficient flash times before applying PR101. Inadequate flash time will affect the performance of the clear.

MIXING RATIO (4:1)

Mix 4 parts PR101 Clearcoat to 1 part appropriate Activator for job size and temperature.

APPLICATION

Apply 2-3 flowing coats and allow a 10-15 minute flash between coats. Keep spray gun 6-10 inches from substrate to avoid problems associated with air entrapment.

DRY TIMES AT 77° F

DUST FREE	30 MINUTES
TACK FREE	60 MINUTES
SAND/BUFF	6-8 HOURS

FORCE DRYING

PURGE TIME @ 77° F 15 MINUTES

BAKE TIME @ 140° F 40 MINUTES

Allow a one to two hour cool-down time before wet sanding or buffing after force drying.

RECOATING

PR101 may be recoated after an overnight dry at 77° F, or upon 1 to 2 hour cool down after force drying at 140° F for 40 minutes.

BUFFING

Allow at least 6-8 hours air dry at 77° before buffing. For dirt removal, lightly “nib sand” with 1500 grit wet sandpaper and polish with a micro type compound. Finish with a quality glazing compound. It is best to polish between 6-24 hours after application. Temperature, humidity and film thickness will effect buff times.

POT LIFE

Pot life will be 3 - 5 hours at 77° F.

FISH EYE

The use of fish eye eliminator is strongly discouraged. If a fish eye additive is needed, use urethane fish eye eliminator, mix 1/2 ounce per sprayable quart. Use no more than necessary as it will directly affect flow out of PR101.

EQUIPMENT CLEAN-UP

Clean equipment immediately after use with gun wash reducer a high quality lacquer thinner or urethane reducer.

TECHNICAL DATA

Mixing Ratio: 4 parts PR101

1 part PR70/PR80 or PR90

Viscosity (RTS): 16-18 seconds #2 Zahn

Volume Solids (RTS): 24.49 - 24.56%

Weight Solids (RTS): 31.20 - 31.85%

Film Build: 1.0 - 1.5 mils per full wet coat

Coverage: 125 sq. ft. per gallon @ 1 dry mil

V.O.C. as Delivered:

	<u>Regulatory VOC in lbs/gal</u>	<u>Regulatory VOC in g/l</u>	<u>Material VOC in lbs/gal</u>	<u>Material VOC in g/l</u>
PR101	4.3	513	2.3	277
PR70	4.8	569	4.8	569
PR80	4.8	570	4.8	570
PR90	4.3	521	4.3	521

V.O.C. (RTS):

	<u>Regulatory VOC in lbs/gal</u>	<u>Regulatory VOC in g/l</u>	<u>Material VOC in lbs/gal</u>	<u>Material VOC in g/l</u>
PR101/PR70	4.4	531	2.8	336
PR101/ PR80	4.4	531	2.8	336
PR101/ PR90	4.3	516	2.7	326

Disposal/Safety: see MSDS for this product

Humidity Resistance: Excellent

Salt Spray Resistance Excellent

NOTE: PURE REFLECTIONS products are not recommended for use in temperatures below 60° F. Use below these temperatures will effect dry times and performance.

FOR INDUSTRY USE ONLY

Read MSDS Before Use

The contents of the package must be blended with other components before the product can be used. Any mixture of components will have hazards of all components. Before opening the packages, read all warning labels. Follow all precautions.

The material is designed for application only by professionally trained personnel using proper equipment under controlled conditions, and is not intended for sale to the general public.

SEE SDS AND PRODUCT LABELS FOR ADDITIONAL SAFETY INFORMATION.

Manufactured for: ABI/AUTOBODY BRANDS INTERNATIONAL A DIVISION OF
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FOR TECHNICAL ASSISTANCE CALL: 1-87-REFINISH