



Technical Data Sheet

KEY 800 Key Prime 2K Urethane Primer
KEY 801 Key Prime 2K Urethane Primer Activator

PRODUCT DESCRIPTION:

Key 800 is a 2-Component, easy sanding, fast dry primer surfacer designed for use under most all topcoat finishes. Key Prime produces excellent color and gloss holdout with all basecoat/clearcoat finishes. This primer can be applied as a high build for maximum filling or as a normal build surfacer. Adhesion and corrosion resistance are strong points as well as solvent resistance to help maintain superior gloss for topcoat finishes. Key 800 is also tintable so it can be made to approximately match the topcoat color. Key 800 cures firm not rubbery.

SUBSTRATES:

1. Properly prepared steel
2. All properly prepared rigid and semi-rigid auto body parts
3. Properly prepared fiberglass or SMC
4. Clean, properly sanded O.E.M. or refinish coatings
5. Apply over all types and brands of polyester fillers and glazing putties

FEATURES:

1. Fast dry time (can be sanded within 2 hours)
2. Excellent adhesion
3. Excellent corrosion resistance
4. Superior color holdout due to excellent solvent resistance
5. Superior chip resistance
6. Excellent high build capability
7. Excellent filling properties and non-shrinking formula
8. Easy sanding
9. Cost saver

SURFACE PREPARATION:

1. Wash prime area with mild detergent and water.
2. Clean area with KEY90 Wax-n-Grease Remover or KEY93 Water Base pre-clean.
3. Sand as needed to remove rust or corrosion.
4. Re-clean with KEY90 Wax-n-Grease Remover or KEY93 Water Base pre-clean .
5. For large bare metal areas, apply one to two coats of KEY812 or apply KEY850/860 Epoxy Primer/Sealer.
6. Apply KEY800 as needed, selecting the reduction ratio suitable for the job. Allow 15 minutes flash between coats.
7. Allow 1-2 hours before sanding or topcoating.
8. Key Prime can be accelerated with KEY950 Universal Accelerator (up to 2oz. per 32oz. mixed primer) for quick sanding in cold weather conditions. Using KEY950 will reduce pot life.

PRE-PAINTED SURFACES:

1. Wash areas thoroughly with soap and water.
2. Clean thoroughly with KEY90 Wax-n-Grease Remover or KEY93 Water Base pre-clean.
3. Sand and featheredge area as needed.

MIXING INSTRUCTIONS:

	Products	HIGH BUILD	MEDIUM BUILD
PRIMER	KEY 800	4 Parts	4 Parts
ACTIVATOR	KEY 801	1 Part	1 Part
REDUCERS	KEY 80/81/82/83		1 Part

Note: 800/801 can be tinted with 10% color.

Note: For fast cure and sand times add up to 2 ounces of KEY 950 Accelerator per sprayable quart. Accelerated primer will reduce pot life according to amount used.

APPLICATION INSTRUCTIONS:

1. Use 50 P.S.I. air pressure at gun.
2. For high build apply up to 4 or 5 wet coats allowing 15 minutes flash time between coats, for normal build or pinhole filling apply as needed.

3. Finish sand with 320 grit or finer wet or dry sand paper.

CLEANING:

Clean equipment with lacquer thinner.

RECOMMENDED TOPCOATS:

1. Acrylic and polyurethane topcoat
2. Acrylic basecoat/clearcoat finishes
3. Acrylic or synthetic enamel finishes

TECHNICAL DATA:

	HIGH BUILD	NORMAL BUILD
Color	Off White	Off White
Pot Life	1 hour	3 hours
Mix Ratio	4:1	4:1:1
Sprayable Viscosity	29 sec.	19 sec.
Weight Solids	58%	51%
Volume Solids	39%	32%
Film Build	7-8 Mils	2-3 Mils
Approx. Coverage @ 1 mil DFT	600 sq. ft	500 sq. ft.
Flash Point	24 F	24 F
Fill Properties	Excellent	Excellent
Color Holdout	Excellent	Excellent
Humidity Resistance	Good	Good
Salt Spray Resistance	Good	Good