



Technical Data Sheet

12-24-KEY700 SPOT/PANEL CLEARCOAT

PRODUCT DESCRIPTION:

KEY700 Acrylic Urethane Clear is specifically designed for fast dry, high gloss and easy buffing. KEY700 is a high performance medium solids urethane clear unique in that it works both as a spot repair clear plus as a panel repair clear. This clear combines excellent leveling and gloss retention with enough hardness to buff easily within 8 hours. Four activator / four reducer combinations to allow application in all temperatures. Use on single and multi-panel applications.

FEATURES:

1. Fast tack free, dust free and dry time
2. Excellent open-air performance
3. Excellent flow, leveling
4. Spot repair and overall application
5. Apply over most basecoat systems
6. High gloss retention and D.O.I.
7. Thoroughly tested for long term durability
8. Very easy buffing character

RECOMMENDED SUBSTRATES:

1. Various basecoat color systems
2. Polyurethane enamel (after 8 hour dry)
3. Acrylic urethane enamel (after 8 hour dry)
4. Gel coat (must be properly prepared)

MIXING INSTRUCTIONS:

Clear = 4 parts KEY700

Activator/Reducer = 1 part KEY760/775/785/795

ACTIVATORS:

KEY760 = Fast 55 to 65 F

KEY775 = Medium 65 to 80 F

KEY785 = Slow 80 F - 90 F

KEY795 = Ex-Slow 90 F - up

APPLICATION INSTRUCTIONS:

1. Apply basecoat color per recommended procedures Note: Allow polyurethane and acrylic enamel basecoat to dry at least 8 hours before applying clear.
2. Mix KEY700 Clear with appropriate activator per above instructions and shop conditions.
3. Apply 2-3 wet coats of Clear using 45-55 P.S.I. at the gun.
4. Apply 10 minutes flash between coats.
5. Dry times: Dust Free 5-8 minutes depending on temperature and activator selection. Tack Free 15-30 minutes depending on activator speed. Buff Time: Minimum 8 hours air time Maximum 7 days. Force Dry 10 minute flash; bake 30 minutes at 140 F Delivery 6-8 hours
6. Pot Life: 3 hours

Note: By using one ounce per sprayable quart of KEY950 Universal Accelerator, buff time and delivery time can be substantially reduced.

BUFFABILITY:

KEY700 Clear can be wet sanded and buffed between 8 hours and up to 7 days after applying. Can be buffed in as little as 4 hours by adding one ounce of KEY950 Universal Accelerator per sprayable quart of clear.

CLEANING:

Use good quality lacquer thinner (KEY5/10/15/20/25) or urethane reducer (KEY80/81/82) to thoroughly clean all equipment. Do not leave catalyzed clear in gun longer than 3 hours. Clean equipment immediately when using KEY950 Universal Accelerator.

TECHNICAL DATA:

Color	Clear
Pot Life	3 hours @ 75 F
Coverage	1 mil 585 sq. ft.
Mix Ratio	4:1
Sprayable Viscosity	18 sec. #2 Zahn
Flash Point	-20 F
Recommended Film Build	2-2.5 mil DFT
Gloss	90 Plus
Weight Solids (sprayable)	40.2%
Volume Solids	36.5%
V.O.C w/KEY760, 775, 785, 795	3.5 lbs/gal (420 g/l) Ready To Spray