



PRODUCT FEATURES

- High Solids
- Compatible with any Basecoat
- Excellent Gloss and D.O.I
- Easy to Spray and Buff
- Quick Delivery Times

DESCRIPTION

Finish Pro HS Acrylic Urethane Clear is a 4.2 VOC high solid clear designed to have a wide range of refinish applications. This fast drying, high gloss clearcoat is easy to spray, easy to buff, and quick to deliver.

AVAILABILITY

| <u>PART NO</u> | <u>DESCRIPTION</u> | <u>SIZE</u> | <u>PER CASE</u> |
|----------------|--|-------------|-----------------|
| FPR-8201 | HS ACRYLIC URETHANE CLEAR | GAL | 2 |
| FPR-8204 | HS ACRYLIC URETHANE CLEAR | QT | 6 |
| FPR-8214 | HS ACRYLIC URETHANE CLEAR - Spot/Panel Activator | QT | 4 |
| FPR-8219 | HS ACRYLIC URETHANE CLEAR - Spot/Panel Activator | HP | 6 |
| FPR-8224 | HS ACRYLIC URETHANE CLEAR—Overall Activator | QT | 4 |

PHYSICAL PROPERTIES

| | | | |
|-------------------------|---|---|---------------------|
| Color | Transparent | Weight Solids (RTS) | 45% |
| Pot Life | w/Spot/Panel Activator 1.5-2 hrs w/Overall Activator 4-6 hrs | Theoretical Coverage @ 1 mil (A+B) | 606.7 sq ft per gal |
| Flash Point | (-17°C) 1°F | Inter Coat Adhesion | Excellent |
| Wet Film Build | 1.0 to 1.5 mils | Reparability Catalyzed | Excellent |
| Viscosity (RTS) | 18" to 20" #2 Zahn Cup | Humidity Resistant | Excellent |
| EPA VOC (RTS) | 4.2 (lb/gal) | | |
| ACTUAL VOC (RTS) | 3.8 (lb/gal) | | |



BASECOAT

Apply basecoat per manufacturer's mixing and application instructions. Allow sufficient flash times before applying HS ACRYLIC URETHANE CLEAR. Inadequate flash time will affect the performance of the clear. DO NOT DEVIATE FROM THESE RECOMMENDATIONS.



DRY TIMES AT 70°F

AIR DRY: Allow 10-15 minutes flash time before applying the next coat. To sand & buff HS ACRYLIC URETHANE CLEAR, it must be allowed to cure for a minimum of 10-16 hours. All dry times are measured at 70°F, higher temperatures will provide faster curing times.

FORCED DRY: Purge 15 minutes then Bake @140°F for 40 minutes



MIX RATIO

To four (4) parts FPR-8201/8204 HS ACRYLIC URETHANE CLEAR, add one (1) part FPR-8214/8219 or 8224 ACTIVATOR



SPRAY GUN ADJUSTMENT AND SETUP

GUN TYPE: Siphon or Gravity feed HVLP

NOZZLE/TIP SIZE: 1.3 to 1.4 mm is required for proper atomization.

AIR PRESSURE: 45 to 55 PSI at the gun or 7-10 PSI at the cap.

- Adjust the material flow according to product viscosity.
- Fully close the material flow knob then turn knob counter clockwise two full turns. Open or close knob 1/4 of a turn at a time until desired atomization and pattern width is achieved. Secure by means of counter nut.

Note: Proper spray gun adjustment will determine the final finish. Improper adjustment may cause paint defects such as orange peel, runs, sags, dieback, solvent entrapment and poor drying.



COLD SHOP CONDITIONS

For maximum performance, vehicle should be kept above 70°F. Temperatures below 60°F will severely retard dry times and through cure.

ACTIVATOR SELECTOR

| Temperature Range | Recommended Activator | |
|-------------------|-----------------------|------|
| | 8214/8219 | 8224 |
| 65-75°F | Yes | |
| 70-80°F | Yes | Yes |
| 95°F—higher | | Yes |

GENERAL INFORMATION

- Always consider the following when choosing an activator: the size of the vehicle (is it a bus or a fender?), the temperature, humidity and air movement.
- Do not combine slow reducers with fast activators; this combination may cause solvent pop.
- Follow the recommendations listed on the activator selector table above for best results.

PAINTING FLEXIBLE PARTS: A flexible additive may be needed when painting certain flexible parts. Follow manufacturers recommendations.

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 HS ACRYLIC URETHANE CLEAR.



APPLICATION

Apply 1 medium wet coat, followed with a full wet second coat at 40-50 psi or (6-10 psi when using HVLP at the gun), allowing a 10-15 minute flash between coats. When using #8224 Overall allow 20-30 minute flash between coats.

EQUIPMENT CLEANING

Clean equipment with a compliant solvent. Refer to appropriate Air Quality District requirements for proper use of equipment and solvents. Do not leave catalyzed product in the gun more than 2 hours.

PRODUCT SAFETY INFORMATION

Before using any FINISH-PRO product, be sure to read all safety directions and warnings. WEAR PROPERLY FITTED AIR PURIFYING RESPIRATOR with organic vapor cartridges (NIOSH approved TC-23C) and particulate filter (NIOSH TC-84A), eye protection, gloves and protective clothing during application and until all vapors and spray mists are exhausted. In confined spaces, or in situations where continuous spray operations are typical, or if proper air purifying respirator fit is not possible, wear a positive-pressure, supplied air respirator (NIOSH TC-19). In all cases follow respirator manufacturer's directions for respirator use. When mixed, also contains Isocyanate. Do not permit anyone without protection in the painting area. FOR USE ONLY BY TRAINED PROFESSIONALS. Not for sale to or use by the general public. For more information CONSULT MATERIAL SAFETY DATA SHEET.