

# 2K PREMIUM PRIMER SURFACER TECHNICAL DATA SHEET



## **PRODUCT FEATURES**

- Compatible with a wide range of topcoats including waterborne basecoats
- Easy Sanding
- Ultra High Build

## **SUBSTRATES**

Properly sanded and treated:

- Steel
- Aluminum
- Fiberglass
- Body Filler
- Galvanized
- OEM Finishes
- Some Plastics

#### **AVAILABILITY**

| PART NO  | <u>DESCRIPTION</u>                | <u>SIZE</u> | PER CASE |
|----------|-----------------------------------|-------------|----------|
| FPR-7961 | 2K PREMIUM - Primer Surfacer—Gray | GAL         | 2        |
| FPR-7964 | 2K PREMIUM - Primer Surfacer—Gray | QT          | 6        |
| FPR-7951 | 2K PREMIUM - Primer Surfacer—Buff | GAL         | 2        |
| FPR-7954 | 2K PREMIUM - Primer Surfacer—BUff | QT          | 6        |
| FPR-7914 | 2K PREMIUM - Catalyst             | QT          | 4        |
| FPR-7916 | 2K PREMIUM - Catalyst             | НР          | 6        |

## **PHYSICAL PROPERTIES**

| Pot Life                  | 2 hours                | Humidity Resistant                 | Excellent   |
|---------------------------|------------------------|------------------------------------|-------------|
| Flash Point               | 45° F                  | Color Holdout                      | Excellent   |
| Dry Film Build            | 2.5 to 3.1 mils        | Inter Coat Adhesion                | Excellent   |
| Sprayable Viscosity (RTS) | 24" to 26" #3 Zahn Cup | Reparability Catalyzed             | Excellent   |
| Weight Solids (RTS)       | 58.6 to 60.06 %        | Theoretical Coverage @ 1 mil (A+B) |             |
| VOC (RTS)                 | <4.6 (lb./gal)         | Gray                               | 750 sq ft   |
|                           |                        | Buff                               | 748.5 sq ft |
|                           |                        |                                    |             |



## 2K PREMIUM PRIMER SURFACER TECHNICAL DATA SHEET



## **DRY TIMES AT 70°F**

**AIR DRY:** Allow primer to flash for 10-15 minutes between coats. To sand & topcoat primer must be allowed to cure for 2 to 4 hours. All dry times are measured at 70°F, higher temperatures will provide faster drying times.

**FORCED DRY:** Purge 5 to 10 minutes, then bake at 140°F for 25 to 35 minutes. Allow primer to cool to room temperature before sanding and top coating.



#### **MIX RATIO**

To four (4) parts FPR-7961/7964 or 7951/7954 2K PREMIUM add one (1) part FPR-7914/7916 Catalyst, and one (1) part Urethane Reducer



## **SPRAY GUN ADJUSTMENT AND SETUP**

**GUN TYPE:** Siphon or Gravity feed HVLP

**NOZZLE/TIP SIZE**: 1.8 to 2.0 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 orange



#### **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. One-half (½) fluid ounces of ACCELERATOR per mixed quart may be added to improve cure response in adverse facility conditions.



## 2K PREMIUM PRIMER SURFACER TECHNICAL DATA SHEET



#### **SURFACE PREPARATION**

- Wash surfaces with a mild detergent in hot water. Rinse well and wipe dry with a clean dry cloth, then clean with PRE-CLEAN, using generous amounts and changing rags frequently prior to painting.
- Sand area as necessary to remove any rust or corrosion, and then repair all body damage.
- Dry sand old finishes by hand or machine with 320P to 400P grit paper or wet sand using 400P grit paper.
- Prime bare metal with an Etching or Epoxy Primer
- After allowing the bare metal primer to dry thoroughly, scuff sand if necessary to remove dust.
- Re-wipe vehicle with PRE-CLEAN.



#### **APPLICATION**

- Apply 2 to 3 medium wet coats. If spot priming, for best results apply first coat of 2K PRE-MIUM starting with the outer layer working yourself towards the center of the repair.
- Block sand primed bodywork with #400P grit or finer wet or dry sandpaper.

#### **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.

Liberty Bell Equipment, Inc.—810 N. Jefferson Ave. St. Louis, MO 63106 Phone (888) 646-1400. www.finish-pro.com