

# RC4404 4.2 HIGH GLOSS URETHANE CLEAR TECHNICAL DATA SHEET

A premium quality clear coat utilizing the latest in low viscosity, high solids resin technology. RC4404 has excellent clarity, exceptional gloss, and DOI. RC4404 has the gloss, durability, and performance usually only found in much high cost clearcoat. Works extremely well in down draft baking applications.

- 4:1 Mix Ratio
- 2 Coat Application
- Superior Clarity
- Outstanding Gloss & DOI
- Spot/Panel or Overall Refinishing Application

**Features:**

- Excellent gloss retention
- Excellent flow and leveling
- Apply over most basecoat systems
- Easy buffing within 6-36 hours
- Excellent flexibility and durability

**Mixing Instructions:**

4 parts RC4404 to 1 part RH4204 Activator

**Application Instructions:**

1. Apply two wet coats of clear using 50-60 PSI at gun, conventional spray 6-10 PSI at gun, HVLP.
2. Mix Clear with appropriate activator as per instructions.
3. Allow 10-15 minutes flash between coats. Optional: On small jobs (i.e., fenders and doors) one tack coat can be applied, followed by one full wet coat with no flash between coats. Tack coat must be applied evenly.
4. Dry Times  
Dust Free: 5-15 minutes depending on temperature and activator selection  
Tack Free: 20-40 minutes depending on activator speed  
Buff Time: Minimum 6-8 hours air dry  
Force Dry: 10 minutes flash bake 30 minutes at 140°F  
Delivery: 6-8 hours
5. Pot Life: 1 ½ hours. Note: by using one ounce per paint cup of accelerator, buff time and delivery time can be substantially reduced. Accelerator should not be used when air temperature is above 80°F.

**Buffability:**

This clearcoat can be wet sanded and buffed after 6-8 hours. It should be buffed within 36 hours for best results. Film thickness, flash times, and temperature will affect buffing times.

**Cleaning:**

Use good quality lacquer thinner to thoroughly clean all equipment. Do not leave catalyzed primer in gun longer than 3 hours. Clean equipment immediately when using accelerator.

**Features:**

|                         |                            |
|-------------------------|----------------------------|
| Color:                  | Water Clear                |
| Flash Point:            | <0°F TCC                   |
| Pot Life:               | 1.5 hours at 75°F          |
| Recommended Film Build: | 2-2.5 mil DFT              |
| Coverage 1 mil.:        | 690 sq. ft.                |
| Gloss                   | 92 Plus                    |
| Mix Ratio:              | 4:1                        |
| Weight Solids:          | 33%                        |
| Sprayable Viscosity:    | 16 sec #2 Zahn             |
| V.O.C.:                 | RTS 4.2 lbs/gal mixed 4:1  |
| Regulatory V.O.C.       | 4.26 lbs/gal (510.56 gm/l) |
| Material V.O.C.         | 3.61 lbs/gal (433.01 gm/l) |