

**PRODUCT DESCRIPTION**

RS-6100 European Clearcoat is formulated with premium European resins to provide excellent gloss and a durable finish. This high-production clearcoat is easy to spray and has superior vertical stability. RS-6100 is a fast-dry clearcoat ideal for refinishing 1-2 panels. It uses a versatile activator system to accommodate a variety of temperature ranges and can be applied in air dry or force dry environments.

**SUITABLE SUBSTRATES**

Activated Acrylic or Polyester Basecoats      Select Waterborne Basecoat Systems\*

Activated Polyurethane Enamel\*\*      Activated Acrylic Urethane Enamel\*\*

\* PPG Envirobase, BASF Onyx HD and Glazurit 90 waterborne basecoat systems, must be dry before applying clearcoat

\*\* Allow to dry at least 8 hours before topcoating

**MIXING BY VOLUME**

| 2 parts  |   | : | 1 part                |                        |
|----------|---|---|-----------------------|------------------------|
| MRS-6100 | : |   | RS-6060 (55°F - 65°F) | RS-6080 (85°F - 95°F)  |
|          | : |   | RS-6070 (65°F - 85°F) | RS-6090 (95°F - 100°F) |
|          | : |   |                       | RS-6095 (100°F & Up)   |

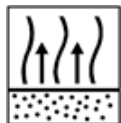
**NOTE:** Make sure product is at room temperature (72°F) before mixing.

**APPLICATION**

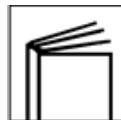
Apply basecoat color according to manufacturer's recommendations

Apply two wet coats of RS-6100, allowing 5 minutes flash time between coats

Recommended gun setup can be found on page 2 under Technical Data

**DRY TIMES**

|                       |                                  |                          |
|-----------------------|----------------------------------|--------------------------|
| <b>Air Dry @ 70°F</b> | Dust Free                        | 4-6 minutes              |
|                       | To Deliver                       | 6-8 hours                |
| <b>Force Dry</b>      | Purge Time                       | 10 minutes               |
|                       | 15 minutes @ 140°F (metal temp.) |                          |
| <b>Buffing Times</b>  | Air Dry                          | 2-3 hours lightly de-nib |
|                       |                                  | 4-6 hours heavy buffing  |
|                       | Force Dry                        | After cool down          |

**NOTES**

- RS-6100 can be reduced 5-10% with MRS Zero VOC Reducers (MRS-165, MRS-175 or MRS-185)
- Adding standard grade urethane reducers will increase VOCs
- Adding reducers will decrease dry film thickness
- A minimum of 2 mils dry-film-thickness is required for optimum UV resistance

**PERSONAL PROTECTION**

- For use by trained professionals only
- Read label, directions and MSDS before use
- Wear appropriate Personal Protection Equipment (PPE) while mixing and spraying
- For additional health and safety information refer to the MSDS which can be found at [www.medallionrefinish.com](http://www.medallionrefinish.com)

**SURFACE PREPARATION** Apply basecoat color per manufacturer's recommended procedures. Allow 15 minutes dry time per coat before applying clearcoat. In temperatures below 70°F, a longer dry time is necessary for each coat of basecoat. For maximum gloss, allow last coat of basecoat to dry 45 minutes before applying clearcoat. Activated Polyurethane and Acrylic Enamel systems should be allowed to dry a minimum of 8 hours. Thoroughly tack surfaces to be painted with a clean tack cloth before applying clearcoat.

**BLENDING PREPARATION** Solvent clean with appropriate Medallion Refinish System surface cleaner and wipe dry with a clean cloth. Sand the blend panel with 800 grit or finer paper on a random orbital sander or scuff sand with a gray scuff pad and RS-677 SCUFF MASTER and water. Rinse thoroughly and dry with a clean cloth. Repeat step one and thoroughly tack surfaces to be painted with a clean tack cloth.

### BLENDING INSTRUCTIONS

1. Apply first coat of clearcoat
2. Extend second coat of clearcoat past the edges of the first coat
3. Mix the remaining clearcoat 1:1 with RS-2710 BLEND EZE PANEL BLENDER/COLOR CHECKER
4. Apply mixture over the edge of the sanded OEM clear with a 50% overlap to melt in the edge.
5. Melt-in the remaining edge by applying 100% RS-2710 with 50% overlap

**NOTE: Rubber-Seal Medallion Refinish System does not recommend blending on flat or horizontal surfaces (i.e. hood, deck lid or roof)**

**RECOAT INSTRUCTIONS** If recoating after 24 hours, then sand with 1000 grit sandpaper before recoating. On sand-thru areas, apply heat before recoating to eliminate featheredge lifting.

### TECHNICAL DATA

|                       |                                         |
|-----------------------|-----------------------------------------|
| Mix Ratio             | 2:1 (5-10% Reducer Optional)            |
| Pot Life              | 1 hour @ 72°F, 50% RH                   |
| Gun Setup (HVLP)      | 1.2 mm – 1.4 mm                         |
| Air Pressure          | 8-10 psi HVLP<br>40-45 psi Conventional |
| % Solids by Weight    | 45.7% (Sprayable, no reducer)           |
| Shelf Life (Unopened) | 12 months                               |

### HEALTH & SAFETY

See Material Safety Data Sheet and labels for additional safety information and handling instructions.

- The contents of this package may have to be blended with other components before the product can be used. Before opening the packages, be sure you understand the warning messages on the labels and MSDSs of all component, since the mixture will have the hazards of all its parts.
- Improper handling and use, for example, poor spray technique, inadequate engineering controls, and or lack of Personal Protective Equipment (PPE), may result in hazardous conditions or injury.
- Follow spray equipment manufacturer's instructions to prevent personal injury or fire.
- Provide adequate ventilation for health and fire hazard control.
- Follow company, product MSDS and respirator manufacturer's recommendations for selection and proper use of respiratory protection. Be sure employees are adequately trained on the safe use of respirators per company and regulatory requirements.
- Wear appropriate PPE such as eye and skin protection. In the event of injury, see first aid procedures on MSDS.
- Always observe all applicable precautions and follow good safety and hygiene practice.