

PRODUCT DESCRIPTION

MRS-850 TEK ELITE Waterborne Primer Sealer is a premium non-sanding, ready-to-spray sealer that has superior solvent resistance for enhanced color holdout. It sprays out to a smooth, non-porous surface that creates a uniform surface for all topcoats, except lacquers. **MRS-850** has excellent adhesion to a variety of bare metals and other automotive substrates. It can be used as an isolator over sensitive substrates. **MRS-850** is available in white or black and can be intermixed to achieve various shades of gray. It is V.O.C. compliant in North America.

**SUITABLE SUBSTRATES**

Primed Surfaces	Factory E-coats	Cold Rolled Steel*	Stainless Steel*
Galvanized/Galvaneal*	Aluminum*	SMC*	Automotive Plastics‡

*Properly sanded and cleaned

‡Adhesion promoter should be used to ensure proper adhesion

**MIXING**

Ready-to-Spray

NOTE: MRS-850 can be reduced up to 10% with MRT-494 Waterborne Thinner to improve flow and extend dry time in hot climates. Using reducer will decrease dry film thickness.

**APPLICATION**

Apply 1 to 2 wet coats of MRS-850, allowing 10-20 minutes flash time between coats

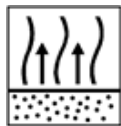
Recommended gun setup can be found on page 2 under Technical Data

NOTE: Make sure product is applied at room temperature (72°F)

**SURFACE PREPARATION**

Thoroughly clean with MRS-608 Slow Wax & Grease Remover or MRS-612 Water Based Pre Clean

Sand surface with 400-600 grit sandpaper and re-clean area with wax and grease remover

**DRY TIMES**

To Topcoat 30 – 60 minutes

To Recoat After 24 hour scuff and recoat before applying topcoat

**NOTES**

- Shop temperature, film build, humidity and air movement will impact flash and dry times
- In high humidity climates it is helpful to use a heat lamp and plenty of air movement to flash correctly
- MRS-850 must be completely dry before topcoating
- **DO NOT USE RS-538 BLAST-IT TO CLEAN YOUR GUN AFTER USING THIS PRODUCT**
- Clean gun with MRT-494 Waterborne Thinner or distilled water

**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

DIRECTIONS FOR USE AS ISOLATOR

MRS-850 TEK ELITE Waterborne Primer Sealer works great as an isolator over sensitive substrates.

APPLICATION

Apply 1-2 wet coats with 10-20 minutes flash time between coats

Allow MRS-850 to dry 1-2 hours

Sand surface with 400-600 grit and clean surface with clean, compressed air

Apply basecoat according to paint manufacturer's recommendations

TECHNICAL DATA

Color	White or Black
Mix Ratio	RTS (up to 10% MRT-494 Optional)
Dry-Film-Thickness	1.0 – 1.5 mils per coat
Gun Setup (HVLP)	1.2 mm – 1.5 mm
Mini Jet HVLP	1.0 mm – 1.2 mm
Air Pressure	8 – 10 psi HVLP 40 – 45 psi Conventional
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.