

TECHNICAL DATA SHEET

STOCK NO. BV-EP VERS-E-PRIME 2K EPOXY PRIMER/SEALER

Overview: Crest Vers-E-Prime may be applied to steel, galvanized steel, aluminum, SMC, fiberglass, and cured/sanded primer and paint. The outstanding film strength and adhesion of Vers-E-Prime provides an excellent base for body fillers and additional primer/surfacers. Vers-E-Prime may be applied as a high build epoxy primer (1:1 mix ratio) or reduced 10% (1:1:10% mix ratio) with **Crest Urethane Reducer (BURM)** to achieve standard build. With further reduction, (1:1:15-20% mix ratio), Vers-E-Prime may be applied as a sealer/Groundcoat.

Surface Preparation: Prior to sanding, first clean all surfaces with **Crest Car Soap (BCS)** and water. Rinse well and wipe dry with a clean cloth. Next, clean all surfaces with **Crest Acry Solv (AA-S, BS-A)** and wipe dry with a clean, lint-free cloth.

Sanding: Sand bare metal with 80 grit sandpaper. Any repaired areas should be sanded and featheredged with 180 grit sandpaper to ensure adhesion. Existing finishes should be sanded with 320 grit sandpaper.

Mixing: Stir **BV-EP Vers-E-Prime** thoroughly before mixing with **BV-EPA Vers-E-Prime Activator** and **BU-RM-Urethane Reducer** (to achieve standard build or sealer viscosity). Mix at the following ratios for:

High Build Primer: 1 part primer, 1 part activator (1:1 ratio)

Standard Build Primer: 1 part primer, 1 part activator and 10% urethane reducer (1:1:10% ratio)

Sealer/Groundcoat: 1 part primer, 1 part activator and 15-20% urethane reducer (1:1:15-20%)

Tinting: Mix primer and activator 1:1, then tint up to 10% by volume with basecoat or basecoat toner (do not use single stage urethane or acrylic enamel). Stir well. Reduce as listed above if desired.

Induction Time: Not necessary. **Pot Life:** 72 hours @ 77°F (25°C)

Spray Gun Setup:

High Build Primer: HVLP Gun-1.7-1.8mm fluid tip, 10 PSI max at air cap

Standard Build Primer: HVLP Gun 1.4-1.6mm fluid tip, 10 PSI max at air cap

Sealer/Groundcoat: HVLP Gun 1.2-1.4mm fluid tip, 10 PSI max at air cap

Application:

High Build Primer/Standard Build Primer: Apply 1-2 medium/wet coats allowing 10-15 minutes flash time between coats. **Sealer/Groundcoat:** Apply 1 full, wet coat. If desired, a second coat may be applied after 15 minutes.

Dry Times @ 77° F and 50% R.H. :

Flash Time Between Coats: 10-15 Minutes. **Dry Time to Topcoat:** 30 minutes

Dry Time to Apply Body Filler/Sealer/Adhesive: 1 hour. **Dry Time To Apply Polyester Primer:** 24 hours

Technical Data:

Appearance: Gray

Solids: 50.54% by weight, 31.79% by volume

Shelf Life: 1 year (unopened)

Reduction: Reduce up to 20% by volume with **Crest Urethane Reducer (Stock No. BURM).**

Note: Reducing this product will add to V. O. C. %.

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