

User Guide for Insta-Blak® S334

1.) Clean

Do not use petroleum solvents. Degrease using alcohol, chlorinated solvents, vapor degreasing, a liquid detergent, or use E-Kleen 163 at room temperature. Let the cleaner work for **1-3 minutes**.

2.) Rinse

Rinse with running water or a damp sponge/cloth. If water breaks occur, return to step one and reapply cleaner. Water breaks indicate the substrate is not clean.

3.) Remove Rust

Use steel wool or abrasive paper. A steel scribe works well for narrow scratches.

4.) Blacken

Blacken using a generous application full-strength Insta-Blak S334. Apply with cotton swab, sponge, or brush with a light rubbing action for **30 seconds to 3 minutes**.

For finishing large areas or prototype parts: Dilute Insta-Blak S334 with **1 to 2 parts water** to slow down the blackening reaction.

- ▷ **NOTE:** The depth of blackness is controlled by the length of time the solution is left in contact with the metal surface.

5.) Rinse & Dry

5a. Rinse with running water or a damp sponge/cloth.

5b. Either use a soft cloth to wipe the parts dry, or force dry with hot air gun.

- ▷ **NOTE:** If left to air dry, the surface will rust!

5c. Rub with soft brush or cloth to remove the non-adherent layer of spent chemicals.

6.) Seal

Option 6a. *For a somewhat oily finish:* use E-Tec 502

Option 6b. *For a soft, non-tacky dry finish:* use E-Tec 505

Option 6c. *For a hard, clear acrylic finish:* use E-Tec 520

Option 6d. *For a clear wax finish:* E-Tec 521

Option 6e. *For architectural finishes:* use E-Tec 520, E-Tec 521, or RENWAX. Please see relevant Technical Data Sheets for more information on how to use these products.

Be sure to read and understand the Technical Data Sheets and Safety Data Sheets for each of these products before using them. Please see the Insta-Blak S334 Technical Data Sheet for more detailed processing instructions.