

User Guide for Insta-Blak ® 333 GEL

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**.

NOTE: If the part(s) has been sand-blasted or mechanically prepared, the cleaning step can be skipped as long as the parts are free from any oils, lacquers, finger prints, or other soils.

If this is the case, skip to step four.

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

Remove rust by using steel wool or abrasive paper.

4.) Blacken

Blacken using full-strength Insta-Blak 333 Gel, apply with cotton swab, sponge, or brush with a light rubbing action for **1-3 minutes**. You may reapply fresh gel if the reaction has stopped. The depth of blackness is controlled by the length of time the solution is left in contact with the metal surface.

5.) Rinse

Step 5a. Rinse with running water or a damp sponge/cloth. Adding a small amount of baking soda to the rinse water can help ensure complete removal of residual acidic Insta-Blak 333 Gel solution.

NOTE: If the residual solution is not completely removed, it may cause rusting of the surface as it dries.

Step 5b. Wipe dry or force dry with heat gun. Do not use compressed air to dry.

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

Optional: Repeat steps 4 & 5 if a darker finish is desired.

6.) Seal

Option 4a. *For a slightly oily finish:* use E-Tec 502

Option 4b. *For a very slightly oily finish:* use E-Tec 503

Option 4c. *For a soft, non-tacky dry finish:* use E-Tec 505

Option 4d. *For a hard, clear acrylic finish:* use E-Tec 520

Option 4e. *For a clear wax finish:* E-Tec 521

Option 4f. *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.