



Blow Performance Exhausts Pty Ltd

ABN: 33 610 319 081

Phone: **+61 431 016 786**

Address: 25-29 Winbourne Rd, Brookvale
NSW 2100 AUSTRALIA

Email: enquiries@blowexhausts.com

COPPER HEAT SHIELD CARE & RESTORATION

WARNING - BPE Solid Rose Gold Copper Heat Shields Come polished and coated with Everbrite ProtectaClear to prevent Tarnish build up and surface discolouring. **DO NOT WASH WITH DETERGENT OR SCRUB WITH POLISH WHEN CLEANING** or you will remove the protective coating. Clean with soapy moist soft nonabrasive cloth to remove dirt and road grime. Rinse off soap and gently wipe dry.

ALL YOU NEED TO KNOW

Ensure you read all steps before commencing work with EVERBRITE PRODUCTS and prior to starting work with copper. If tarnish or discolouring appears remember copper is a natural metal and can be cleaned as you would with all copper products.

When working with copper, it is recommended that you clean the surface and give it a good polish before applying Everbrite. This will ensure that you are protecting a clean surface and not locking the tarnishing or fading in.

Supplier details can be found at the conclusion of this document.

CLEANING ONLY (NOT POLISHING)

Clean using soapy water and moist soft nonabrasive cloth to remove dirt and road grime. Do not use detergent, cleaning products or solvents. No need to apply ProtectaClear coating when just cleaning your copper heat shields.

RE-COATING WITH PROTECTACLEAR (NOT POLISHING)

You simply need to clean the surface thoroughly using soapy water, rinse, and ensure the surface is completely dry. ProtectaClear is designed to bond to itself, so you can simply apply a new coat on top of the old one. Apply a single thin coat of Everbrite ProtectaClear as to wet the entire surface. Use applicator pad or a clean, white, lint-free cloth. Apply in straight motion as not to leave streaks.

If you miss a spot during your application, leave to dry. Normally takes around 5 - 15 minutes to be touch dry, wait until the first coat has dried and then apply to the missed area.

Let dry completely for 48-72 hours in a clean ventilated dust free area.

HAND POLISHING

The existing Everbrite ProtectaClear coating must be removed and can be done using Acetone cleaning solvent or similar product. Wipe dry and polish using soft, clean cotton cloth and copper polishing paste, clean again with cleaning solvent and polish again for a second time. Wash with soapy water and rinse, wipe dry with soft, clean cotton cloth.

Apply a single coat of Everbrite ProtectaClear as to wet the entire surface. Use applicator pad or a clean, white, lint-free cloth. Apply in straight motion as not to leave streaks.

If you miss a spot during your application, leave to dry. Normally takes around 5 - 15 minutes to be touch dry, wait until the first coat has dried and then apply to the missed area.

Let dry completely for 48-72 hours in a clean ventilated dust free area.

MIRROR FINISH BUFF & POLISH

When time to restore your copper heat shields to new mirror condition watch the video link below for a comprehensive detailed instruction.

WATCH VIDEO <https://www.youtube.com/watch?v=12tvqvsNmV8>

Getting your copper heat shields to a beautiful mirror finish is easy, all you need is a bench grinder and the following products.

1. Acetone cleaning Solvent or similar cleaning solvent product
2. Several clean fine thread soft Cotton Cloths
3. Small tin of Everbrite ProtectaClear
4. Everbrite Application Pad
5. Tapered Spindles for your Bench Grinder
6. Loose-Leaf Unstitched Polishing Wheel
7. METAL POLISHING COMPOUND - SSX GREEN, this is formulated for copper polishing

Remove the grinding wheel from the bench grinder, attach the tapered spindle and screw on the loose-leaf polishing wheel.

Clean your copper heat shields thoroughly with Acetone Solvent making sure all grime, dirt and any remaining Everbrite ProtectaClear is removed. Dry thoroughly with cotton cloth, continue until all dirt, grime and previous ProtectaClear coating is removed.

Apply small amount of compound green on the polishing wheel, buff, and polish in a straight motion, apply medium pressure, continue this until the desired mirror finish is achieved, adding small amount of compound green to the polishing wheel as required. The more time you spend polishing the better the outcome, recommended polishing time for both copper heat shields is between 10-20 minutes

Once satisfied with the finish clean both heat shields with Acetone Solvent, wipe dry with a clean cotton cloth, then wash with soapy water, wipe dry with a clean cotton cloth.

When completely dry apply a small amount of Protecta clear with the application pad, one very light thin coat is required, apply in a straight motion without leaving streaks. Do not apply a second coat.

Let cure for 48-72 hours in a dry ventilated dust free area

EVERBRITE PROTECTACLEAR MAINTENANCE

After you have covered your metallic surface with ProtectaClear, DO NOT use cleaners with alcohol or solvents. Simply wash down with soapy water and rinse, wipe dry with a soft cotton cloth.

EVERBRITE PROTECTACLEAR – SUPPLIERS

Products can be purchased from the following distributor or google your territory for supplier.

United Kingdom <https://www.everbritecoatingsuk.com/>

United States <https://www.everbritecoatings.com/>

Australia <https://everbritecoatings.com.au/>