



Sworn Enemy of Heat!

## **ZyClear™**

Clear Gloss Coating



Part #15008  
8 oz.

### ZyClear Application Guide for Marine and Super Yacht Engines and Exhaust Systems



ZyCoat, LLC introduces ZyClear, our advanced technology in high temperature coating solutions. ZyClear is designed to enhance the durability, performance, and aesthetics of marine and super yacht engines and exhaust systems, and to further protect against damage to marine hulls at exhaust ports. This application guide provides step-by-step instructions for applying ZyClear to ensure optimal results.

#### Materials Needed

- ZyClear #15008 coating
- Clean Lint Free cloths
- ZyClean16 (for surface preparation)
- Protective gloves and eyewear
- Respirator mask (if applying in enclosed spaces)
- Masking tape and paper (for masking off areas not to be coated)

#### 1. Surface Preparation

- Thoroughly clean the surface to be coated using ZyClean16 and a clean lint free cloth or pad. Ensure all dirt, oils, finger prints, grease, and contaminants are removed.
- Allow the surface to dry completely before proceeding to the next step.

#### 2. Masking Off

- Use masking tape and paper to mask off any areas that should not be coated, such as nearby components or surfaces that should remain untouched.



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### 3. Application of ZyClear

- Shake the ZyClear bottle vigorously for 1-2 minutes to ensure proper dispersion.
- Pour a small amount of ZyClear onto the cloth and wipe the product on in a uniform, light even coat in smooth motion.
- Apply ZyClear in thin film application at 7-10 microns thickness across the entire substrate surface.
- Allow the first coat to flash off for a minute before wiping the cloth in same uniform direction in reverse of original direction.
- Allow the ZyClear to air cure for 1 hour.

### 4. Curing ZyClear

- Once the final coat is applied, cure the ZyCoat using a heat gun or heat lamp. Gradually increase the temperature to 250°F (121°C) and heat the coated surface for 30 minutes to ensure proper curing.

### 5. Additional Coat or Touch Up ZyClear

- If desired, apply an additional coat of ZyClear over the cured ZyClear for added protection, a more glossy finish, or to touch up.
- Follow the same application process above, allowing each coat to flash off before applying additional coats. Apply 2-3 coats for optimal coverage.

### 6. Final Inspection

- After the coating has cured, carefully remove any masking tape and inspect the coated surface for any imperfections.
- Touch up any areas as needed and ensure that the coating has fully cured before operating the engine or exhaust system.



### Safety Precautions

- Always wear protective gloves, eyewear, and a respirator mask when applying ZyClear.
- Ensure proper ventilation when applying coatings in enclosed spaces to prevent inhalation of fumes.
- Avoid contact with skin and eyes. In case of contact, rinse thoroughly with water and seek medical attention if irritation persists.
- Keep away from heat, sparks, and open flames during application and curing.

### Maintenance

- To maintain the durability and appearance of the coatings, avoid abrasive cleaners or harsh chemicals when cleaning the coated surfaces. Use dry micro-fiber cloth to wipe surface for removal of finger prints, dust or other contaminants.
- If necessary in high corrosion or dirty areas, use a mild soap and water solution and a soft cloth to gently clean the coated surfaces as needed.

