



# Application for Rusted & Stained Stainless Steel



## Rust and Browning Removal

Apply **ERW-XL** to structure with a brush. Agitate to create foam ensuring entire area is covered paying attention to hard to reach areas and fixings. Allow to dwell for 10 minutes.

Dampen brush with more solution and re-agitate solution. Allow to dwell for a further 5 minutes if required.

For heavily corroded areas, a mild abrasive cloth may be used in the same direction of the brush on the metal. Do not allow **ERW-XL** to dry on surface.

Rinse down thoroughly with clear water, using a brush to aid rinsing. If any staining or corrosion remains, then repeat process to affected areas.

### **\*Important\***

Rinse all areas by hand using the green microfiber cloth provided to remove all trace of ERW-XL. The solution must be fully removed; failure to do so may result in browning beneath the coating.

## Cleaning & Preparation

1. **Dilute the Cr24** Restoration fluid 20 parts water. (add 4 caps full to 1 jug/bowl of water) Soak the microfiber cloth in the solution and wash/Scrub the surface thoroughly. Wash with the grain and pay particular attention to detail on all nooks, crannies and fixings.
2. **Rinse** all areas by hand using the microfiber cloth to remove all trace of Cr24 Restoration fluid. The **Cr24** Restoration fluid must be fully removed; failure to do so may result in marks beneath the coating.  
**Allow to dry fully TIP:** Apply the coating to a completely dry surface. Warming the metal with heat gun or hair dryer will also help ensure metal is dry. Allow metal to cool before coating.

Thorough preparation is very important. If you try to take shortcuts on preparation, you will likely not achieve the intended results and may need to remove the coating and start again. Everbrite Coatings can be removed with solvents like xylene based or cellulose thinner.

## APPLICATION

1. **Pour** the **PC 279** coating into clean, dry, metal or glass pan or straight from the flask. Do not use plastic as the solvent can melt plastic. **DO NOT DILUTE COATING.**
2. For **application**, use the white quilted lint free applicator cloth provided or applicator: Alternative applicators such as a fine tip natural-bristled paintbrush, high density foam (gloss) Roller or air brush
3. **Fold** it into a pad. Items can be dipped into the coating and hung to dry.
4. **Submerge** applicator completely into the coating. Squeeze out the excess. Applicator should be saturated but not dripping. This is important- as dry areas in the applicator can cause streaks.
5. **Apply** the coating to the surface letting the applicator “glide” across the surface. Do not press hard. Applicator should glide smoothly. When it starts showing resistance, dip the applicator again. If you get drips, simply smooth them out before the coating starts to dry. Observe the coating while applying: if the coating separates or does not look completely smooth, STOP and re-clean the surface. Other chemicals present on the surface can cause separation and need to be removed completely. Silicone is a common coating agent which can be removed with *xylene based or cellulose thinner* (available at hardware stores). Once removed restart application process.

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6. **Let the coating dry** completely. It will self-level as it dries. If you see an area you missed, let it dry and then coat over the missed area. PC 279 coatings are self-annealing; meaning the second coat will become part of the first coat. Wait at least one hour between coats or until the previous coat is completely dry.

### Additional Information

**CURE TIME:** Under normal circumstances & with good ventilation, the coating will be fully cured after 24 hours. The coating will be delicate until it is fully cured. You can shorten cure time by gently heating the coating AFTER it is dry to the touch. Dry, coated items placed in a low temperature oven (60°C -80°C) for 1 hour will be cured.

Coating **MUST** be cured before prolonged contact with other surfaces, for example, packaging, allowing water to sit on the coated surface, immersing in water or filling fountains, etc. In most cases, dew or rain does not hurt the coating once it is dry to the touch.

**AFTER CARE:** Do NOT use solvent based cleaners or abrasives to clean coated metal. Do not use cleaners with “petroleum distillates”. Use cleaner’s mild soap & water or similar mild cleaners.

Personal Protection: Nitrile or chemical resistant gloves are needed to protect your hands (Rubber gloves will get sticky. If spraying any coating, a NIOSH respirator is recommended.