



User Guide for Protect A Clear: UNPAINTED METALS

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HOW TO COAT UNPAINTED METALS

(Brass, Bronze, Copper, Silver, or other Non-painted metals)

NEW or METAL WITH PATINA: Only need to Solvent wipe to remove any residue or contaminant (see step #3 below). Then apply coating.

Solvent will **NOT** remove most forms of tarnish Patina.

TARNISHED or OXIDIZED METAL: Follow the steps below for preparation

1. PREPARATION

1. Polish or buff the surface to the lustre desired with any metal polish you like. The metal can also be sanded or just cleaned.
2. Neutralize. Many polishes contain acid, the surface must be neutralized. Check ingredient list for acid. **THIS STEP CAN BE SKIPPED IF NOT USING POLISHES THAT ARE ACID BASED.** Use 1 cup baking soda mixed with 20 litres of water. Wash the metal with the neutralizing solution. Rinse with fresh water. Dry with a clean cloth to prevent spotting.
3. Solvent wipe the metal with xylene or denatured alcohol to remove any traces of residue (from polishes, waxes, oils, buffing compounds, etc.). This step needs to be done immediately before coating. Skipping this step will result in poor adhesion of the coating.

2. APPLICATION

****Apply the coating on a completely dry surface. Warming the metal with heat gun or hair dryer will help ensure a dry surface. Let the surface cool before coating*****

1. Pour the coating into clean, dry, metal or glass pan. **DO NOT DILUTE COATING.** (Do not use plastic as the solvent can melt plastic.)
2. For application, use a clear-coat applicator, microfiber roller, natural-bristled paintbrush, clean dry lint-free white cloth, aerosol can or paint sprayer with a fine-finish tip. If using a cloth, fold it into a pad. Items can also be dipped into the coating and hung to dry.
3. Submerge applicator completely into the Coating. This is important- as dry areas in the applicator can cause streaks. Squeeze out just the excess. Applicator should be saturated but not dripping.
4. 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. If there is fisheye or the coating separates, STOP and re-clean the surface. Silicone can cause separation & can be cleaned with mineral spirits*****



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5. Let the coating dry completely. It will self-level if left alone. If you see an area you missed, let it dry and then coat over the missed area. Wait at least one hour between coats. Everbrite coatings are self-annealing- meaning the second coat will become part of the first coat, so it is important not to press hard while applying-. Gently glide your applicator over the surface.

CURE TIME:

Under normal circumstances & with good ventilation, the coating will be fully cured after 4-5 days. The coating will be delicate until it is fully cured. Coating **MUST** be cured before allowing water to sit/dwell 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. 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 (70°C to 80°C) for 1 hour will be cured. Due to the porous nature of steel- **RAW, COLD ROLLED OR MILD STEEL NEEDS 3 TO 4 COATS**. Warm the steel to help ensure a completely dry surface.

AFTER CARE:

DO NOT use solvent based cleaners or abrasives to clean coated metal. Do not use cleaners with "petroleum distillates". Suggested cleaners: mild soap & water or similar.

DANGER: HARMFUL OR FATAL IF SWALLOWED. KEEP OUT OF REACH OF CHILDREN.

FIRST AID: In case of eye contact, flush thoroughly with plenty of water for 15 minutes and get medical attention. For skin contact, wash with soap & water. In case of respiratory difficulty, provide fresh air & call a Doctor.

NOTICE: Reports have associated repeated & prolonged over-exposure to solvents with damage to health. Intentional misuse by deliberately concentrating and inhaling the contents may be harmful or fatal.

CAUTION: Combustible liquid. Material does not sustain combustion. Do not smoke or use near flame. Use with adequate ventilation. Avoid continuous breathing vapour or spray mist. Avoid prolonged contact with skin. Wear gloves & eye protection. Store in a cool, dry place.