

DiTEC PROTEC Base Coat and Top Coat is a premier professional grade ceramic/paint protectant system that can be used and applied by any professional applicator (when used as directed).

#### **APPLICATION INSTRUCTIONS (Base Coat):**

Apply PROTEC Base Coat: Prior to application, be sure to wear a pair of nitrile gloves. For best results apply PROTEC Base Coat and Top Coat when temperature is between 60 and 85 degrees (Can be applied at higher temperature, but dry/cure time will be quicker), and relative humidity is below 70%. Drying times will be longer at lower temperatures and in humid conditions. The paint on the surface must be in good condition and not dull or oxidated. Always use multiple clean microfiber cloths for each step. PROTEC Base Coat and Top Coat create a clear chemical bond with the surface. The only way to effectively remove the product once it has cured is through mechanical buffing with a compound.

1. Preparation: To ensure the optimal surface for application, paint should be polished to remove scratches and to enhance the gloss level. For this you will want to do the paint correction. If there are heavy scratches and deep swirls, you will want to start off with a rotary polishing system with a heavy cut polish. Once this is done, follow up with DiTEC Heavy Cut polish with the corresponding pad, followed by the medium polish with the corresponding pad. On yachts and boats, this (2-3 step paint correction) is usually a good finishing point. If there is a custom paint job that requires that extra pop (3-4 step paint correction), finish the polishing with DiTEC Fine Cut polish and the corresponding pad. Use a control light or the sun with different angles to check the surface.
2. Clean/prep painted/gelcoat surface with DiTEC Crystal Clear. For PROTEC Base Coat durability, it is especially important that the paint is 100% clean before the application of the protective coating. Using DiTEC Crystal Clear, spray generously directly onto the surface. Buff and wipe dry with a clean microfiber cloth. Repeat this process 2-3 times if needed using a clean microfiber cloth each time. The surface must be completely clean.
3. Apply PROTEC Base Coat: Prior to application, be sure to wear a pair of nitrile gloves. Apply using an applicator pad. Remove cap and apply several drops of product on one side of pad (bottle has dripper built in) until evenly coated (Initially, a greater amount of product will need to be dripped on to pad). When applying PROTEC Base Coat, one or two easy passes (left to right or top to bottom) over the surface, overlapping with each swipe, will be all that is needed for applying the product. More "passes" of product will not equal a thicker coating of PROTEC Base Coat. You'll feel it applying properly if the applicator glides smoothly. If it's dragging, add a few more drops to the pad. Work in sections and let the product dwell on the paint for approximately 5-15 minutes (less time when warmer, longer when colder) before wiping it off. For painted and gelcoat surfaces, DO NOT let the liquid dry on the surface without removing the residue. PROTEC Base Coat should begin tacking up on the surface. Continually monitor the surface during dwell time by wiping a small area with a clean microfiber cloth. If you feel a slight sticky/tacky resistance when wiping with a microfiber cloth, the product has adhered and is ready to be wiped off. The majority of the excess should wipe off clean, not leaving an oily film behind. Continue to buff the surface, three passes with a clean microfiber cloth. Make sure that no residue is left on the paint. Protec Base Coat can be layered. Multiple layers can be applied for longer lasting protection (maximum three layers to eliminate the risk of hologram effect). Allow for one day of cure time between each base coats

Allow 24 hours for coating to partially cure at room temperature before it is exposed to moisture or rain. Colder temperatures will increase cure time. After the Base Coat has cured you do not want any more than three days to pass between curing and applying the Top Coat.

#### **APPLICATION INSTRUCTIONS (Top Coat):**

After the Base Coat has cured for 24 hours, PROTEC Top Coat is ready to be installed.

Apply PROTEC Top Coat: Prior to application, be sure to wear a pair of nitrile gloves. For best results apply PROTEC Top Coat when temperature is between 60 and 85 degrees (Can be applied at higher temperature, but dry/cure time will be quicker), and relative humidity is below 70%.

1. **Preparation: Do not spray Crystal Clear to prep the surface. Simply wipe gently with a clean microfiber to remove any dust or moisture from the surface.**
2. Apply PROTEC Top Coat: Apply using an applicator pad. Remove cap and apply several drops of product on one side of pad (bottle has dripper built in) until evenly coated (Initially, a greater amount of product will need to be dripped on to pad). When applying PROTEC Top Coat, one or two easy passes (left to right or top to bottom) over the surface, overlapping with each pass, will be all that is needed for applying the product. More “passes” of product will not equal a thicker coating of PROTEC Top Coat. You’ll feel it applying properly if the applicator glides smoothly. If it’s dragging, add a few more drops to the pad. Work in sections and let the product dwell on the paint for approximately 3-8 minutes (less time when warmer, longer when colder) before wiping it off. Do a test area to get an indication of cure time before doing larger areas.

Wipe off the excess with three passes of clean microfibers, using a different clean microfiber for each pass. This is done to ensure the product is well leveled as well as to confirm that any excess product is properly removed from the surface.

Allow to cure for 24 hours before allowing the boat to come in contact with water. This is to allow the initial cure of the product.

#### **PROTEC Base and Top Coat APPLICATION TIPS:**

##### **Changing to Base and Top accordingly.**

1. Make sure to spend adequate time washing and cleaning the surface before applying PROTEC Base and Top Coat. Remove bugs, soap, tar, animal or bug droppings, and any other foreign debris. PROTEC Base and Top Coat are bonding, clear coating products. Any substance not removed prior to applying PROTEC Base and Top Coat will be coated over and not able to be removed without removing the PROTEC Base and Top Coat coating.
2. Before applying PROTEC Base and Top Coat for the first time for the day, apply to a small inconspicuous 2 ft. x 2 ft. “test” area to learn the “tack” (cure/dry) time of the product based on working conditions (temperature, humidity, etc.). Applying in direct sunlight will increase flash times of the products. PROTEC Base and Top Coat will tack up faster with warmer temperatures. The objective is to see if the product takes 5 minutes to tack up, or 20 minutes. Once you determine the appropriate tack time based on working conditions, you will be able to “set”

product removal times for your day. NOTE: Tack time could fluctuate if working conditions change during application, adjust tack time accordingly.

3. When applying PROTEC Base and Top Coat, apply in controllable sections to ensure easy removal. (Example: A 4 ft. x 6 ft. section of a boat, or sections of an automobile such as a hood and front fender). If applied to too large of an area, it may be difficult (or may require more effort) to remove excess tacky product by the time you have reached the end of the section you've applied product to.
4. Always have proper lighting to ensure complete removal of all excess PROTEC Base and Top Coat from the surface.
5. Use many new microfiber cloths! Initially, use one for complete removal of excess tacky product, followed by a final wipe with a second new microfiber to remove any final residue, smears, or streaks. Wipe to a smooth, glass-like finish.
6. PROTEC Base and Top Coat is a professional grade coating. Application should be done with professionals only. It brings industry leading protection to the surface with its proprietary blend of protection ingredients. To aid in the coating's longevity, applying PROTEC Shampoo (every 30 days) or PROTEC Quick Coating (every 90 days) over PROTEC Base and Top Coat as recommended will provide multi-season protection (3-4 seasons).