



**THANK YOU FOR TRUSTING THE PROTECTION  
OF YOUR PAINT AND GELCOAT WITH PROTEC 1.**

**DITEC PROTEC 1 is the best professional grade ceramic alternative/paint protectant that can be used and applied by any applicator, regardless of experience level (when used as directed).**

#### **APPLICATION INSTRUCTIONS:**

For best results apply **PROTEC 1** coating when temperature is between 60 and 85 degrees, 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 1** creates a clear-coated bond with the surface. The only way to quickly remove the product is through mechanical buffing with a compound.

1. Preparation: Paint should be thoroughly washed and degreased with **DITEC Boat Soap** to remove dirt, tar, insects and old waxes or sealants.

**For new or newer boats or automobiles, where paint is in excellent or great condition, proceed to step 5. Steps 2-4 are recommended and will give the best visual results and protection but are not required.**

2. For automobiles, wash again using an automotive iron-removing product.
3. Fallouts on the paint should be removed using a clay bar or a rubber disc.
4. Polish: Paint should be polished to remove scratches and enhance the gloss level. For new boats or cars, it is normally enough to use **DITEC Fine Cut** polish. For used boats or cars use the **DITEC Medium Cut** polish or **DITEC Heavy Cut** polish to remove varying depths of scratches. Make sure that all holograms and swirl marks are removed. Use a control light to check the surface.
5. Clean/prep painted/gelcoat surface with **DITEC Crystal Clear**. For **PROTEC 1** durability, it is very 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.
6. Apply **PROTEC 1**: 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 1**, one or two easy swipes (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 "swipes" of product will not equal a thicker coating of **PROTEC 1**. 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 10-15 minutes (less time when warmer, longer when colder) before wiping it off. For **non-skid** surfaces, there is no need to remove excess product. Apply and let dry. For **painted and gelcoat** surfaces, **DO NOT** let the liquid dry on the surface without removing the residue. **PROTEC 1** 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. Continue to buff the surface dry with a clean microfiber cloth. Make sure that no residue is left on the paint as it will be difficult to remove after it dries. Multiple layers can be applied for longer lasting protection (maximum 3 layers to eliminate the risk of hologram effect).

**Allow 24 hours for coating to partially cure at room temperature before it is exposed to moisture or rain, and before any additional coats of PROTEC 1 are applied. Colder temperatures will increase cure time. After 7 days, coating is completely cured.**

#### **PROTEC 1 APPLICATION TIPS:**

1. Make sure to spend adequate time washing and cleaning the surface before applying **PROTEC 1**. Remove bugs, soap, tar, animal or bug droppings, and any other foreign debris. **PROTEC 1** is at bonding, clear coating product. Any substance not removed prior to applying **PROTEC 1** will be coated over and not able to be removed without removing the **PROTEC 1** coating.
2. Before applying **PROTEC 1** 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.). **Never apply in direct sunlight! PROTEC 1** 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 1**, 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 1** 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 1** is a great product by itself with seasonal longevity. Applying **PROTEC Shampoo** or **PROTEC Quick Coating** over **PROTEC 1** as recommended will provide multi-season protection (3-4 seasons).
7. Excess or leftover **PROTEC 1** residue (missed or leftover product) that has not yet fully cured (up to 1-2 hours) can be reactivated by reapplying **PROTEC 1**, and following step number 6 of application instructions.

## THE PROTEC SYSTEM:

Enhance your paint's protection for multiple seasons (when used at recommended intervals) with **DITEC's PROTEC System**.

**STEP 1:** Apply **PROTEC 1** as your base coat:

**PROTEC 1:** A one-step, premium, inorganic resin that is better than waxes and sealants for paint and gelcoat surfaces on boats and cars of any size. With almost 50 years in the making, this non-ceramic (does not contain any SiO<sub>2</sub>) product will not crack like traditional ceramics, but will flex with a paint/gelcoat surface, creating a strong protective shield with great hydrophobic properties. The combination of properties reduces regular cleaning maintenance up to 50%. It offers maximum protection against UV-light, dirt, grime, exhaust build up, and other contaminants. Also great for use on chrome and other finished metals. (Prior to application, pre-clean the surface using **DITEC Crystal Clear**).



**STEP 2:** For multi-season protection (3-4 seasons), enhance your **PROTEC 1** base coat with your choice of our two maintenance applications:

**PROTEC QUICK COATING:** A fast and easy maintenance and protection spray applied every 90 days that enhances and provides a protective, hydrophobic, glossy finish to your boat's painted or gelcoat surface. Can be applied wet or dry and used as a quick detailer or quarterly as part of the **PROTEC System**.

**OR**

**PROTEC SHAMPOO:** The ultimate maintenance shampoo used every 30 days for light washing, removal of dust, and protecting and enhancing paint and gelcoat surfaces. Using advanced, low-foam, high-lubricant, nano-based chemistry, this product enhances/provides a protective, hydrophobic, glossy finish to your boat's painted or gelcoat surface.



**Both PROTEC Quick Coating and PROTEC Shampoo products may be used together to give even greater protection and durability.**