



## GLASS TREATMENT for showers & more

### INSTRUCTIONS

In order for you to obtain maximum benefits, the surface to be coated must be thoroughly clean prior to applying EnduroShield. This means that all soap scum, mineral deposits, and dirt must be removed.

Please note: New glass still requires cleaning to ensure that the glass is completely clean and free of small particles in preparation for the coating.

Scan to view the 'How to' application video. Or visit [www.enduroshield.com](http://www.enduroshield.com)



Scan to view video of small DIY kit



Scan to view video of large DIY kit

Please note:

- If working on exterior glass, it is best to do the work in the shade to reduce the rate of evaporation and reduce streaking.
- Do not apply if it is raining as water can inhibit the bonding during the application process.
- EnduroShield must only be applied in ambient temperatures between 50°F (10°C) and 86°F (30°C).

### TO UNLOCK SPRAYERS

For the safety of you and your family, our sprayers are all equipped with a child-lock.

To unlock, press the button on the neck inwards until it clicks, as shown in the picture. The sprayer is now unlocked.

Please remember to lock the sprayer after use!



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### CLEANING THE GLASS

1. Working in a well lit and ventilated area, liberally spray the EnduroClean™ pre-cleaner to a small section of glass of approximately five square feet (5ft<sup>2</sup> / ½m<sup>2</sup>).

2. DO NOT USE STEEL WOOL ON NEW GLASS. USE A CLEAN LINT FREE CLOTH INSTEAD. If treating old glass, use the Fine Grade Steel Wool provided with the small kit or the white Glass Cleaning Pad provided in the large kit (depending on which size was purchased) and scrub the sprayed area using light to moderate pressure to remove any build up of soap scum, water scale deposits, dirt, and grime. Do not use Steel Wool on dry glass as scratching may occur. After using the Steel Wool, be sure to thoroughly sweep the area, including tiles and grout, to remove any steel filings which may cause rust. Again, please note that the Steel Wool provided in the small kit does not need to be used on new glass, however the glass still needs to be cleaned with a clean lint free cloth. The white Glass Cleaning Pad provided in the large kit is recommended to be used in conjunction with the cleaner on exterior glass to completely clean the glass of small dirt particles in preparation for the coating. Hint: Looking through the glass from different angles will reveal the areas that need the most work.

3. Polish the glass area with a clean cotton rag or paper towel (not the Application Cloth provided) until all streaks are removed and the glass has a shiny new appearance. For exterior glass a good quality squeegee can be used to clean down the panels of glass before polishing.

4. Move on to the next section of glass, overlapping a little so that no area is missed and repeat steps 1 to 3. Continue this process until all glass panels are clean and dry. A second application and polish of EnduroClean™ is recommended for glass that is not new. Hint: Getting the glass as clean as possible assures that you get the maximum benefit from your EnduroShield®.

### TREATING THE GLASS

5. Shake the bottle of EnduroShield before using. Hold the bottle of EnduroShield approximately 4" (10cm) from the glass and spray a liberal amount over a small area approximately 5ft<sup>2</sup> (½m<sup>2</sup>) until it is completely covered. Hint: It is better to use more product than not enough.

For exterior glass, do not apply in the rain, as water can inhibit the coating during the application process.

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6. Using the Application Cloth in the packet provided, wipe over the sprayed area from side to side and up and down, being sure to spread the product evenly over the 5ft<sup>2</sup> (½m<sup>2</sup>) area being worked. Be sure to wipe to the edges or corners. When you first start spreading EnduroShield it will appear oily, and will become clear as you work it over the glass. Making sure that no area is missed, continue wiping the surface until the Application Cloth glides easily.

7. Move onto the next section of glass, overlapping a little so that no area is missed, and repeat steps 5 & 6. Continue this process until all the glass is treated.

Hint: Wiping over the area for an extra minute or two is recommended for optimal results.

8. As a final step you may want to use a clean microfiber cloth to buff any remaining streaks from the glass.

The application is now complete. Allow the glass to cure for 8 hours before allowing it to come in contact with chemicals such as cleaners, soaps and shampoos.

Hint: If it rains immediately after the application process, this will not affect the coating on exterior glass.

### MAINTAINING THE GLASS

Congratulations, now the job of cleaning your glass has become much easier.

Cleaning the EnduroShield treated glass:

When cleaning your treated glass be careful not to use any rough, gritty, or abrasive cleaners, as you may damage the coating. For best results use water and a mild detergent (such as dish washing liquid or soap) with a damp microfiber cloth, and then dry the glass with a squeegee that has a good quality soft rubber blade. Poor quality rubber can be abrasive to the coating. Refer to the care instructions page at [www.enduroshield.com](http://www.enduroshield.com) for a list of approved squeegees.

Cleaning Frequency:

Shower Glass – Clean each week

Other Glass - Internal and external glass such as backsplashes, mirrors and windows can be cleaned as required. Glass in close proximity to salt water such as pools or the ocean may require more frequent cleaning.

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For areas with hard water or bore water, due to a higher concentrate of mineral deposits such as lime and magnesium, a build up may occur on the coating and may not be easily removed with a mild detergent. In these conditions a solution of white vinegar and water (1 part vinegar to 5 parts water or stronger) must be used with a damp microfiber cloth to remove them.

*Hint: Give the glass a quick squeegee to reduce the water droplets from drying, and leaving behind any mineral deposits .*

**Warning: The EnduroShield coating can be affected by cleaning products containing strong alkalis and by modern mold removing agents containing a combination of bleach and sodium hydroxide. Avoid these and use alternatives such as pure white vinegar or diluted tea tree oil to treat mold on glass and surrounding areas such as tiles.**

## FREQUENTLY ASKED QUESTIONS

### **On an old shower, what if I can't remove all of the cloudiness or etching?**

Old shower glass could be permanently stained, and you will not be able to remove all of the cloudiness or etching from the glass. However, EnduroShield® will help prevent it from deteriorating any further, and it will be much easier to keep clean.

### **Do I need to use the steel wool provided in the small kit if I have a new shower?**

New glass still needs to be cleaned, however the steel wool is only required if applying EnduroShield® to an existing shower. The steel wool is used to remove the build up of soap scum, mineral deposits and lime scaling. Remember never to use the steel wool on dry glass, as scratching may occur. For new glass, use EnduroClean™ with a clean lint free cloth.

### **Do I need to use the white cleaning pad provided in the large kit on new glass?**

Yes, the cleaning pad, used in conjunction with the cleaner, ensures that the glass is completely clean and free of small particles in preparation for the coating.

### **Does the area to be treated need to be masked?**

No, the product is not corrosive and will not harm fixtures, frames or fittings. In fact, it will render the surfaces water repellent for a period of time.

### **What happens if I do not remove all the streaks from the glass after applying EnduroShield®?**

The streaks will disappear when the glass is next cleaned.

### **Should the water bead on the glass?**

Yes, EnduroShield® creates a water and oil repellent surface which results in the water beading on the glass.

### **Will the surface become patchy if the coating is worn off in any way?**

No. The coating is only two molecules thick and is transparent, thus it does not change the appearance of the surface. If an abrasive was used, where the coating has worn away would not be visible. That area would, however, be harder to clean. The untreated surface can be easily repaired by cleaning and re-treating with EnduroShield®. The EnduroShield molecules will bond to the untreated glass surface.

## WARRANTY

PCT Global LLC warrants that EnduroShield® will resist water and oil based stains for a 3 year period from the date of its application. This warranty only applies if the application of EnduroShield is done in accordance with directions and instructions given by PCT Global LLC and the application takes place within 18 months from the date of manufacture. If EnduroShield does not, in these circumstances, remain water and stain resistant for the 3 year period then PCT Global LLC will replace the appropriate quantity necessary for re-application to the warranted area, or provide a refund of the purchase price. This warranty is given by PCT Global LLC whose details are set out below:

Address: PO Box 20274 Santa Barbara CA 93120 USA

Customer Service: Telephone: 1-805-617-4609

Email: serviceusa@enduroshield.com

You will bear all costs and expense in making a claim under this warranty. To make such a claim you should send to PCT Global LLC by mail or email the following:

- The barcode of the DIY kit the subject of the claim;
- The original receipt of purchase;
- A brief explanation of the problems giving rise to the claim; and
- Your contact details including telephone number.

You should allow up to 3 to 4 weeks for your claim to be processed by PCT Global LLC.

The sole and exclusive maximum liability of PCT Global LLC under this warranty will be to replace the appropriate quantity necessary for

re-application to the warranted area, or provide a refund of the purchase price.

THE EXPRESS WARRANTIES SET FORTH IN THIS PURCHASE ARE IN LIEU OF ALL OTHER WARRANTIES, EXPRESSED OR IMPLIED, INCLUDING, WITHOUT LIMITATION, ANY WARRANTIES OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE. You agree that your exclusive remedies and the entire liability of PCT Global LLC with respect to the EnduroShield DIY kit, are set forth in this agreement. PCT Global LLC will not be liable to you for any damages, including any lost profits or other incidental or consequential damages arising out of your use of the EnduroShield DIY kit or the breach of any warranty. Some states do not allow the exclusion or limitation of incidental or consequential damages, so the above limitation or exclusion may not apply to you. You will bear all costs and expense in making a claim under this warranty.

## WORKS ON NEW & EXISTING GLASS

- ✓ Shower Doors
- ✓ Mirrors
- ✓ Windows
- ✓ Glass Doors
- ✓ Glass Backsplashes
- ✓ Glass Skylights
- ✓ Railings (Glass railings & glass pool fencing)
- ✓ Glass Roofs

## OTHER ENDUROSHIELD PRODUCTS AVAILABLE:

- EnduroShield® kit for Tile & Grout
- EnduroShield® kit for Stainless Steel & Chrome
- EnduroShield® Windshield Rain Repellent

**PCT GLOBAL LLC**  
**SANTA BARBARA CA 93120 USA**  
**Customer Service: +1-805-617-4609**  
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**www.enduroshield.com**



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