



## Mirror Polished Stainless Steel

Your DWP mirror-polished stainless steel panels and trim have been delivered without any type of factory-applied protective coating, applied directly to the metal, such as lacquer, wax, or other surface protection. A protective film has been applied to metal to help protect the metal during the fabrication and shipping processes.

Though virtually maintenance-free, areas of the metal surfaces that come into human contact will produce fingerprints due to salts and oils in skin. Routine maintenance, including cleaning and polishing are required in order to maintain the brilliance and rich luster of the mirror-polished surfaces.

To maintain the integrity of your DWP products, please follow the cleaning procedures outlined in this document.

These instructions for the maintenance and care of your DWP products are provided to you as a service. No warranty is expressed or implied herein.

### Unpacking and Storage

It is recommended that the panels be carefully unpacked on-site prior to installation. When securing or transporting panels, do NOT allow ropes, straps, or cords to come into direct contact with the mirror-polished surfaces -- scratching may occur. NOTE: Stainless steel is an extremely hard material, however it can be scratched. Panels and trims should be stored in a clean, dry area, free from dirt and debris.

### Handling and Installation

Installers should take care to avoid surface scratching by removing all rings, watches, or other jewelry items prior to handling or installing the panels. Disposable latex gloves are recommended during handling and installation. If areas of the panels or trims require masking, 3M Blue Masking Tape is recommended. However, the tape should not be allowed to remain on stainless surfaces for more than three days. Upon removal of tape, denatured alcohol or MEK (on a microfiber towel) may be used to remove any adhesive residue. Stainless surfaces should be protected when drilling or tapping any adjacent ferrous metals, as rust or discoloration from those ferrous metals can contaminate the stainless steel resulting in the accumulation of rust and possible discoloration. Any tools used on a ferrous metal should not, under any circumstances, be used on a stainless steel surface.

### Cleaning and Polishing

After final factory-polishing, your DWP panels and trims are packaged and shipped from the factory on specifically engineered pallets or crates. During shipping, the soft bubble-wrap packing may leave a minute amount of residue on the doors and frames. This necessitates on-site cleaning and polishing after installation. Most alloys of stainless steel are not highly reactive to chemicals. However, caution must be exercised when using cleansers, polishes, and waxes on stainless steel products.

## Products to Avoid

Any cleaning and polishing products that are abrasive or contain harsh chemicals such as ammonia or chlorine should be avoided. These include products such as:

- Brasso, Semichrome, or any other commercially available metal polishes or creams
- Windex, Formula 409, and all ammonia-based products (produces streaks)
- Degreasing agents, powdered cleansers, paint thinners, or harsh solvents
- Furniture polish or paste waxes

Any cleaning towels that are abrasive must be avoided. These include:

- Paper towels of ANY kind
- Commercial Terry cloth, linen, or cotton rags / towels (no matter how “soft” they feel to the touch)
- Avoid squeegees, sponges, or any type of scouring pad
- Avoid razor blades, scrapers, putty knives, etc.

## Recommended Cleaning Products

The following products are recommended for the cleaning of DWP stainless steel panels & trims:

### Cleaner

Sprayway® brand glass cleaner may be used to clean stainless doors and frames when utilized in conjunction with a soft microfiber cleaning cloth. All dust and debris should be blown (not wiped) from stainless surfaces prior to cleaning. Liberally apply Sprayway® glass cleaner to the entire surface of the microfiber cloth (both sides), and gently wipe over the stainless surfaces. Immediately follow (dry) with a microfiber cloth.

Unlike other glass cleaners, Sprayway® contains no harsh chemicals or ammonia, and is “streak-free.”

### Microfiber Cleaning Towels

Utilize ONLY microfiber towels when cleaning or polishing stainless doors and frames. Be sure to remove the paper label from each towel prior to use to avoid scratching. Microfiber towels may be washed after use, but chemicals in detergent may produce streaks.

### Polish

3M brand Ultrafine SE polishing compound (#06068) is recommended for polishing of mirror-finished stainless surfaces. It will remove hairline scratches and light scuffs, and is applied to a clean microfiber towel folded into a small (4” X 4”) square. Apply polish in a gentle circular motion, much the same as applying automotive wax.

Polish only small areas at a time - approx. 2' x 2'. Immediately remove polish residue with a clean microfiber towel with a light buffing motion. Polish can also be utilized with 3M foam pads

in conjunction with a buffing machine. After machine buffing, hand polishing is recommended as a final step.

## **Recommended Protective Products**

The following products are recommended for periodic application (after polishing) of our stainless panels and trims

### **Liquid Wax**

After polishing, it is recommended that Meguiar's X-Press liquid wax be applied in the same manner as the polish. This will help reduce oxidation (darkening), and will keep fingerprints to a minimum. Periodic polishing and waxing is recommended for heavy traffic areas.

## **Other Important Information**

### **Refinishing**

After years of heavy use, neglect, or damage (i.e. scratches, rub marks, etc.), you may wish to have DWP panels and trims re-polished by a professional.

### **Lacquering**

If a protective lacquer is desired to reduce maintenance (fingerprints), be aware that the brilliance of the mirror-polished finish will be slightly reduced (no matter how good the quality of the lacquer). Consult a professional finisher that has experience in lacquering metals.

### **Stainless Steel Cleaners and Polishes that Contain Oil**

Although Sprayway® brand Stainless Steel Cleaner and Polish is HIGHLY recommended for textured stainless steel finishes, it contains oils designed to repel fingerprints. These oils have a tendency to show up as streaks on mirror-polished surfaces, even after rigorous polishing.

In addition, the oils dissipate fairly quickly, requiring frequent re-application. The Meguiar's liquid wax (above) is a far better protective barrier against fingerprints, and leaves no streaks whatsoever. Meguiar's wax offers far better longevity in acting as a protective barrier as well as repelling fingerprints.