

# Pyrolytic Coatings Hand Cleaning Recommendations

Comfort Select 73P and Energy Select 73P are pyrolytically coated (hard coat) low emissivity glasses. The coated surface is very durable and has a slight texture inherent with this type of coated glass. Hand cleaning of pyrolytic coatings is only slightly different than cleaning of non-coated glass. Following the recommendations below will result in successfully cleaning Cardinal's pyrolytic coatings.

## Regular Cleaning

- Thoroughly clean the surface of the glass with a clean sponge or soft cloth and tap water to remove surface contaminants.
- Dry with a clean soft cloth. Use a clean sponge or soft cloth to wash the surface with a diluted solution of 10% to 20% vinegar in water. Always use a new soft cloth or a squeegee to dry the glass. Cleaning may cause streaks when dried if the glass is exceptionally dirty. In this case repeat cleaning. Care should be taken with rubber squeegees as they can leave streaks that are extremely hard to remove if they are used incorrectly or are in poor condition.
- Commercial glass cleaners (WINDEX®, GLASS PLUS®, Invisible Glass®, etc.) may be used, but some may leave a film residue and may cause smearing. If these situations occur repeat the cleaning process using a vinegar based cleaner or isopropyl alcohol.

The most important consideration is to remove as much contamination from the coating as possible with the tap water wash before attempting final cleaning.

## Special Cleaning

For unusually hard to remove contaminants such as crayons, wax, grease, markers and adhesives, special cleaners may be used to spot clean the glass. Denatured alcohol and isopropyl alcohol work on a variety of contaminants. For harder to remove contaminants such as crayons and markers, commercially available cleaners such as Goo Gone® and Goof Off® work well. After spot cleaning, the full glass surface should be cleaned as discussed above.

**Never** use **ANY** type of scraper, plastic or metal, on the coated surface.

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