

General Care Instructions

Removing Labels from Glass

Caution: Do not remove labels when exposed to direct sunlight. Cleaning agents are not to come in contact with weather strip or finishes.

For best results, labels and adhesive residue should be removed from glass as soon as possible after installation. The following information may help in removing labels:

1. Soak the label thoroughly with isopropyl alcohol (rubbing alcohol). Rub the alcohol into the label with a gentle motion until the adhesive and label are removed.
2. Soak the label thoroughly with acetone (nail polish remover) and peel the label off after a few minutes.
3. After removing labels and residue, apply a mild soap or detergent to the entire glass surface by either spraying or using a clean, grit-free cloth or sponge. Clean the glass in a circular motion, applying light to moderate pressure.
4. Rinse the glass surface immediately with generous amounts of clean water to remove cleaning solution from the glass surface. Using a squeegee or clean lint-free cloth, remove water from the glass surface.

Glass Cleaning Instructions

WARNING: Do not use scrapers for cleaning glass. Glass scratched by a scraper is not covered under the Integrity Window and Door warranty.

Caution: Do not clean glass when it is exposed to direct sunlight.

Start cleaning glass at the top of the building and continue to lower levels. Soak the glass surface with a clean water and soap solution to loosen dirt and debris. Then use a mild, non-abrasive commercial window cleaning solution. Dry all cleaning solution from window gaskets, sealants and frames.

Quick Reference for Cleaning Non-Coated Glass Surface

Caution: This cleaning procedure is for non-coated glass surfaces only. Abrasive cleaners are not to be used with exterior surface coatings such as Low ERS. This is not acceptable for use with #1 and #4 (and #6 for tripane) surface coatings.

When typical household glass cleaners do not work, acceptable cleaning materials for stubborn surface contaminants on glass surfaces include cerium oxide, Soft Scrub™ non-bleach cleaner, Mr. Clean Magic Eraser™, 3M Light Duty Scouring Pads™, Bar Keepers Friend™, or a white paste toothpaste (not gel).

1. Initially spray the glass with the standard cleaning solution.
2. Wipe dry using paper towel. If possible use an automotive paper towel that does not leave a residue. The cleaners listed above have a light abrasive material which will mechanically remove the stubborn residue from the glass, without scratching the glass.
3. Spread the light abrasive cleaner onto a moist paper towel and apply to the glass.
4. Rub in a circular motion over the area with the stubborn stain. It is best to clean a 2' x 2' area at a time. Depending on the stubbornness of the residue, more than one application may be required. Use Rain-X™ treatment with the nonresidual towel. A final cleaning with soap and water is necessary.

Condensation

Warm air carries larger amounts of water than cold air. When warm moisture laden air contacts a cool surface the moisture in the air will form on that cooler surface.

What should I do? Determine how much moisture is in your home with an inexpensive hygrometer from your local hardware store. Place the hygrometer in your home for a few days and record the readings each day. Then compare this data to the following chart:

“As outside temperatures drop, the indoor relative humidity level of your home should be decreased. For homes equipped with at least insulating glass in their windows, the University of Minnesota Agriculture Extension Service gives the following levels that can be maintained without causing window condensation.”

Outside Air Temperature		Inside relative humidity for 70°F (21°C) indoor air temperature
-20°F	-29°C	15 to 20 percent humidity
-10°F	-23°C	20 to 25 percent humidity
0°F	-18°C	25 to 30 percent humidity
+10°F	-12°C	30 to 35 percent humidity
+20°F	-7°C	35 to 40 percent humidity

If your relative humidity is higher than this chart, write to Marvin Windows and Doors for our free “Home Moisture” and Condensation brochures. If your relative humidity is within the range of the table, contact the closest Integrity window and door dealer, set up an appointment for us to visit your home. Please keep your recorded humidity data handy as this is important information needed by our customer service representative.