GENERAL PAINTING / STAINING and CARE INSTRUCTIONS

PAINTING AND STAINING

Finish paint on primed or bare wood windows and doors must be applied immediately following installation and repainted periodically to avoid damage to the wood.

WHEN APPLYING PAINT OR OTHER FINISH TO WINDOWS IT IS EXTREMELY IMPORTANT THAT YOU DO NOT PAINT: weatherstripping or other non–wood parts; hardware, handles, rollers, etc.; or any surface which has an abrasive or sliding contact with another surface. Paints, stains and varnishes contain solvents which cause plastics or vinyls to dry out and become brittle. Once brittle, they will need to be replaced.

Abrasive cleaners or harsh solutions containing solvents should not be used on Integrity products. Painters naphtha is recommended for removing excessive paint or stain.

The exterior surfaces of Integrity wood windows come to you with a low maintenance finish. However, the interior must be painted or stained and varnished by carefully following these instructions. Before finishing, bare wood window and door surfaces must be clean and dry. Remove handling marks, debris, or effects of exposure to moisture by sanding lightly with 220 or 320 grit sandpaper and clean before applying your choice of finish.

PAINTING: Use only a high–quality oil base or latex paint. To provide good adhesion of paint, a compatible prime coat should be applied. Paint with sash or panels open (or removed) and do not close until thoroughly dry. Apply one coat of primer and two coats of top quality paint according to the paint manufacturer's instructions. NOTE: DO NOT APPLY PAINT TO THE INTEGRITY FACTORY PREFINISH WITHOUT FIRST CONTACTING YOUR INTEGRITY DEALER FOR PROPER INSTRUCTIONS.

STAINING: Apply stain according to the manufacturer's instructions. Apply as many coats of stain as necessary to achieve the desired color. After the stain is thoroughly dry, apply at least two coats of varnish.

REMOVING LABELS FROM GLASS

CAUTION: Do not remove labels when exposed to direct sunlight. Cleaning agents are not to come in contact with weatherstrip 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.

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 degrees F	–29 degrees C	15 to 20 percent humidity
–10 degrees F	–23 degrees C	20 to 25 percent humidity
0 degrees F	–18 degrees C	25 to 30 percent humidity
+10 degrees F	–12 degrees C	30 to 35 percent humidity
+20 degrees F	–7 degrees 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 Marvin 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.

Integrity from MARVIN Windows and Doors

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2012–10–03
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