



## **New Door and Frame Information Page (For NAFS Compliance)**

Congratulations on the purchase of your new, quality built Wescon door. All of our doors are hand made on Vancouver Island, in Duncan BC. The fir, cedar, alder, and hemlock we use is also sourced right here from the island, known for growing magnificent trees of unmatched quality and cosmetic appeal. From the round log to the finished door, Wescon controls every step of the process.

Your new door and frame has been built and assembled to meet **NAFS-08<sup>1</sup>** (North American Fenestration Standard of 2008). This new building code came into effect in British Columbia on Dec 20<sup>th</sup>, 2013. The code requires all new construction after this date to use NAFS compliant doors, windows, and skylights in its construction.

To become NAFS-08 certified, our doors and frames are tested in labs for air penetration (positive and negative pressure), water infiltration, and strength. Due to such strict and regulated standards, a door and frame cannot be modified once it leaves our factory without losing its NAFS-08 certification.

To ensure that your door performs to the standards in which it met during testing, it is important that the door is finished, and installed in the same manner which testing took place. Please follow these guidelines to optimize the performance of your new Wescon door and remain in NAFS compliance.

When NAFS compliant pre-hung doors leave our factory, there are two stickers attached to the unit. The first is a temporary sticker, which clearly identifies the performance rating of the unit. This must remain attached to the unit for the building inspector to see during final inspections of your project. The second label is permanent, and comes with a removable top layer, to be peeled away after finishing the door. This clearly exposes the information beneath, which contains the manufacturer's name (Wescon) and states that the product conforms to NAFS. This label is attached at eye level, often on the frame near the hinges so it is not visible unless the door is open.

### **Finishing:**

- Your door and frame should receive at least 2 coats of paint or stain, however 3 coats of a quality oil-based finish is recommended. Please see your dealer for more information and recommendations for finishing.
- All hardware must be removed from the doors and frame, so that 100% of exposed wood surfaces may be finished.
- A bead of quality 100% silicone must be applied around the exterior perimeter of all sidelites, pieces of glass, and panels (flat or raised) to prevent water and air infiltration once finishing is

<sup>1</sup>: NAFS-08 compliance includes AAMA/WDMA/CSA 101/ I.S.2/A440-08 and CSA A440AS1-09

complete. A small bead should also be applied around your handle set and deadbolt (if applicable) to prevent air and water from seeping past and into the core of the door.

### **Installation:**

- The weatherstrip (gasket) which seals your door to its frame is shipped unattached, for your convenience. When the time comes to install the weatherstrip into the unit, it must be installed as one long continuous piece. Where the two ends meet one-another, a small amount of silicone should be applied to glue the ends of the weatherstrip together and provide a continuous barrier against air and water. The weatherstrip should start and end at the center of the hinge side of the door.
- In the corners of the unit, a notch should be cut out connecting the kerf of the horizontal and vertical frame parts, if not already done so. This provides a continuous channel for the weatherstrip to continue around the unit. See the photo below:



- Once the unit has been installed into the opening of the house, a beading of silicone should be applied around the outside of the frame to the wall studs, to completely seal off any moisture or air from seeping in from around the unit.

If you have any questions regarding the instructions contained on this page please see your Wescon Door's dealer. We hope you enjoy your new door for a lifetime!