Fully reviewing all requirements for supplying a product, including but not limited to reviewing project specifications, window schedules, authorities having jurisdiction, etc. Consult the full edition of the NAFS and Canadian Supplement where needed.

For Part 3 Buildings - determined by Architect
For Part 9 Buildings - determined by Building Dept.

**PERFORMANCE CLASS**:
- R – min. 15 psf
- LC – min. 25 psf
- CW – min. 30 psf
- AW – min. 40 psf

(Minimum Gateway Requirements)

**PERFORMANCE GRADES**: A single number achieved for a class that represents structural and water performance (e.g. PG-25, PG-30, etc.)

**CANADIAN SUPPLEMENT CSA-A440S1-09**

**Used to Determine Performance Grades** (Use Checklist on page 21 to determine performance requirements)

Use simplified method to determine:
- Wind Pressure (HWP)
- Water Pressure (DRWP)
- Test Pressures
- Performance Grade and Secondary Designators required based on the above

Performance Grade is dependent upon:
- Building height
- Geographical Location
- Open or Rough Terrain
- Building must be on level terrain to use the simplified method of wind load determination

Note: Each Performance Class has a range of product types, as many as 30 in all (e.g. awning (AP), casement (C), fixed (FW), etc.). **Product selection (i.e. what class) is based on the performance requirements of the project**

**Test results - Strict Labelling** requirements, each window/door requiring permanent and temporary labels

Permanent labels must indicate at least the name of manufacturer and can be etched into the glass or affixed to the product frame (i.e. must be permanently visible after installation)

Performance labels can be temporary and must indicate both the primary designator (class, performance grade and size tested) and secondary designator (design pressures, water test pressures and air infiltration/exfiltration level denoted by A2, A3 or Fixed)

**To ensure compliance to NAFS:**
- For each project determine what Performance Class and Grade your product will need to meet – consult building department for Part 9 buildings; review architectural window schedule, project specifications, consult architect and window engineer for Part 3 buildings. Check Canadian Supplement page 21, Figure A.1 Checklist
- Ensure your product meets the required class and grade by way of testing
- Ensure your products have been tested to fully anticipated worst case sizes and configurations that may occur on a project
- For Part 9 Buildings – affix permanent & temporary labels to each window
- For Part 3 Buildings – permanent labels at each window; indicate all performance levels on stamped shop drawings which may substitute for temporary labels (i.e. for window wall on high-rises) although this has not yet been confirmed