



*Why choose  
our windows?*

Varenes, August 31<sup>st</sup>, 2016

**PVC Regional Canada Inc.**  
626, boul. Gréber,  
Gatineau, QC  
J8T 8B8

**Att: Mr. Yvan St-Gelais**

Dear sir,

This letter is intended to answer your questions concerning the different types of mullions used by the window industry in Canada, such as combination, reinforcing and integral mullions as defined by the *NAFS standard - North American Standard for windows (NAFS) / Specification for windows, doors and skylights.*

An integral mullion is a continuous element which is bounded at either end (or both ends) by crossing frame members. An integral mullion is generally the type of mullion which limits windows to smaller spans due to the deflection under wind load application.

A combination mullion is formed by joining two or more individual fenestration units together without a mullion stiffener. A combination mullion is sometimes called modular mullion or modular assembly, and in general, this type of mullion allows for windows with larger spans than ones with integral mullions by limiting the deflection under wind load application.

A reinforcing mullion is formed by joining two or more individual fenestration units together with a mullion stiffener. A reinforcing mullion is sometimes called reinforced modular mullion or reinforced modular assembly, and in general, this type of mullion allows for windows with larger spans than ones with integral and combination mullions by limiting the deflection under wind load application..

If you need any supplementary information, please do not hesitate to contact the undersigned.

**CLEB laboratory Inc.**

• Signé numériquement par Jean Miller  
• Emplacement: Varennes, QC  
• Date: 2016.08.31 17:21:33-04'00'

**Jean Miller, P. Eng.**

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