

**Date: August 30, 2019**

**Re: Partition Gap Closures used between Exterior Curtain Wall and Fire Rated Barriers**

**From: Robert R. Rombough, Manager of Engineering**

When using Gordon, Inc. Mullion / Window Mate Systems, as a gap closure between an Exterior Curtain Wall and a Fire Rated Barrier/Wall, please refer to ICC 2018 International Building Code, Chapter 7.

The ICC 2018 International Building Code, Chapter 7 (Fire and Smoke Protection Features), Section 712.1.5.1 states that *“the void created at the intersection of a floor/ceiling assembly and the exterior curtain wall assembly shall be permitted where protected in accordance with Section 715.4.”*

The intersection of non-fire-resistance-rated exterior wall assemblies with rated interior fire barrier assemblies falls under Section 715.4.2, which states the following: *“Voids created at the intersection of nonfire-resistance-rated exterior curtain wall assemblies and fire barriers shall be filled. An approved material or system shall be used to fill the void and shall be securely installed in or on the intersection for its entire length so as not to dislodge, loosen or otherwise impair its ability to accommodate expected movements and to retard the passage of fire and hot gases.”*

Per this standard, there is no specific test that the gap closure is held, it only requires that the material must retard the passage of fire and hot gases. **Gordon, Inc. Mullion / Window Mate Systems use non-combustible materials and will satisfy Section 715.4.2 when the assembly uses 4 PCF density mineral wool batt insulation and vertical joints at the curtain wall and the rated interior fire barrier assembly are sealed with acoustical sealant.**

**NOTE: Although most State and Local Building Codes follow the above ICC 2018 International Building Code for Partition Gap Closures used between Exterior Curtain Wall and Fire Rated Barriers, the Installing Contractor should review their State and Local Building Codes to insure compliance for their specific project.**