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Certification Notes

(CN IG 0211)

Certification and Testing of Vacuum Insulating Glass (VIG)

1. Reference:

At the June 23, 2010 IGCC/IGMA Certification meeting a motion was made that ASTM E2190 may not be the best standard to evaluate Vacuum Insulating Glass (VIG), but in the absence of another more applicable standard, IGCC/IGMA shall allow certification and testing of VIG with a qualifying note. This motion passed.

2. General:

- A. The IGCC/IGMA certification program encourages new products and technologies and has always attempted to structure guidelines and procedures to be inclusive rather than exclusive. With this in mind, IGCC/IGMA has agreed to offer certification for Vacuum Insulating Glass (VIG), although the ASTM E2190 standard was not written with VIG as a focus and may not give consideration to issues specific to VIG. IGCC/IGMA would encourage the VIG industry to develop a standard specific for VIG. Until such time as there is a specific VIG test, those submitting products for IGCC/IGMA Certification shall provide any additional testing documentation that has been done that would support ASTM E 2190 testing and provide evidence of consistent performance over time.
- B. Sample Fabrication Requirements – It is recognized that some VIG processes may not be able to meet the sample fabrication requirements of ASTM E2190 for glass and cavity thickness. In these situations, testing of the closest normal production practices to ASTM E2190 shall be allowed.
- C. Apertures, Ports, Other - Test specimens shall be constructed utilizing all of the components of the VIG system, which are used in the ultimate product.
- D. If the VIG is one component of an IG assembly, the assembly would need to be tested.

3. CPD Listing (sample)

FRAME CONSTRUCTION	SUBSTRATE	SPACER	DESICCANT	SEALANT	GCIA
VG	U/C	VG	VG	VG	

U/C = Un-Coated, Coated
 VG = Vacuum Glazing