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Mr. Nathan Krebs
Viwinco, Inc.
851 Hemlock Road
PO Box 499 - Morgantown Business Park
Morgantown, Pennsylvania 19543

Re: Model Names on Structural and Impact Certification of Authorization Reports (CARs)

Dear Nathan,

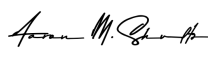
This letter is to clarify the model names listed on Structural CARs as well as Impact CARs. As you know, for every Impact CAR, Keystone requires a corresponding Structural CAR to go with it. This is to cover the requirements of the structural standard as well as the impact performance standards. The two CARs are linked by the Structural CAR reference on every Impact CAR we generate. This reference is shown as "Corresponding Structural CARs:" on the Impact CAR.

When Keystone conducts a review of test reports for structural and impact performance, we verify the construction of the windows for impact performance is compatible with the construction of the window for structural performance. In some cases, the structural test, typically done to the NAFS standard, is done on the same window as the impact resistance tests. In some cases, the windows are tested at different times and with non-impact glass in the structural only test specimen.

In the cases where the windows are tested separately and with non-impact glass in the structural test specimen, we will issue a structural CAR that can stand alone for the window with non-impact glass. At times, this creates a situation where a manufacturer will have a standard (non-impact) model name on the Structural CAR and a different impact model name on the Impact CAR. In this case, it is up to the manufacturer to label the window with the appropriate name on each construction type. The ability of a manufacturer to do this is verified at the annual factory inspection performed at every manufacturing location. All impact products MUST be labeled with BOTH the Structural and Impact CAR information to be correctly labeled and certified as impact resistant.

Please let me know if you have any additional questions or if you need any further information regarding this topic.

Thank you,

 
Validation Manager

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Aaron M. Shultz
Validation Manager – Keystone Certifications, Inc.



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