News Release

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FGIA Releases New Technical Information Report for Horizontal, Vertical Sliding Windows, Doors

SCHAUMBURG, IL – The Fenestration and Glazing Industry Alliance (FGIA) has released a new technical information report establishing criteria for deflection and permanent deformation gauge device locations to meet uniform deflection and structural load test specifications and requirements specific to horizontal and vertical sliding windows and doors. [AAMA TIR-A19-22](https://store.fgiaonline.org/pubstore/ProductResults.asp?cat=0&src=A19), *Structural Test Deflection and Permanent Deformation Gauge Placement for Horizontal and Vertical Sliding Windows and Sliding Doors*, is now available for purchase.

“Certain industry standards for structural performance require the collection and recording of deflection and deformation during testing,” said Dave Stammen ([**ASSA ABLOY Americas**](https://www.assaabloy.com/group/en)), Chair of the Structural Test Deflection and Permanent Deformation Gauge Placement Review Task Group. “This document was developed to provide FGIA accredited test labs with a consistent method for measuring and calculating these. Examples are provided in this document to assist test labs with determining the unsupported sash and frame members that are most typically used based on the product type being tested.”

This TIR describes the correct placement of deflection measurement devices, and calculations for determining deflection and permanent deformation when performing structural testing of horizontally and vertically sliding window and sliding door products under uniform static air pressure difference per ASTM E330 and/or AAMA/WDMA/CSA 101/I.S.2/A440. The proper use of this TIR requires knowledge and training in the principles of fenestration testing.

AAMA TIR-A19 is the third in a series of three technical information reports on the structural testing of windows and doors, its counterparts being [AAMA TIR-A17](https://store.fgiaonline.org/pubstore/ProductResults.asp?cat=0&src=A17), *Structural Test Deflection and Permanent Deformation Gauge Placement for Single-Point Lock Side-Hinged Door Systems*, and [AAMA TIR-A18](https://store.fgiaonline.org/pubstore/ProductResults.asp?cat=0&src=A18), *Structural Test Deflection and Permanent Deformation Gauge Placement for Fixed and Compression Seal Windows*.

[AAMA TIR-A19-22](https://store.fgiaonline.org/pubstore/ProductResults.asp?cat=0&src=A19), as well as other AAMA documents available from FGIA, may be purchased from the online store at the discounted member rate of $20 or the non-member price of $60.

For more information about FGIA and its activities, visit [FGIAonline.org](https://fgiaonline.org/).

*Your trusted industry resource, setting the standards for fenestration and glazing.*