News Release

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FGIA Releases New Technical Information Report Establishing Criteria for Window Gauge Device Locations

SCHAUMBURG, IL – The Fenestration and Glazing Industry Alliance (FGIA) has released a new Technical Information Report (TIR) to establish criteria for deflection and permanent deformation gauge device locations in order to meet uniform deflection and structural load test specifications and requirements specific to fixed and compression seal windows such as awnings, hoppers, projected products, casements, tilt-turn/dual-action products and parallel opening windows. [AAMA TIR-A18-21](https://pubstore.aamanet.org/pubstore/ProductResults.asp?cat=0&src=A18), *Structural Test Deflection and Permanent Deformation Gauge Placement for Fixed and Compression Seal Windows*, an FGIA document, is now available for purchase.

“This is the second in a planned series of documents spearheaded by the FGIA Accredited Independent Laboratories Committee designed to create greater continuity among laboratories in the application of ASTM E330,” said Jason Seals, FGIA Certification Services Fenestration Manager, the staff liaison who worked with the Structural Test Deflection and Permanent Deformation Gauge Placement Review Task Group on this TIR.

This TIR describes the correct placement of deflection measurement devices, and calculations for determining deflection and permanent deformation when performing structural testing of fixed and compression seal products under uniform static air pressure difference per ASTM E330/E330M and/or AAMA/WDMA/CSA 101/I.S.2/A440. The recording of maximum deflection and permanent deformation is a mandatory requirement when testing products for structural performance to these standards.

[AAMA TIR-A18-21](https://pubstore.aamanet.org/pubstore/ProductResults.asp?cat=0&src=A18), 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, visit [FGIAonline.org](https://fgiaonline.org/).

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