News Information

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August 29, 2019

AAMA Updates Standard for Assessing Frame Deflection When Using One Component Polyurethane Foams

SCHAUMBURG, IL - The American Architectural Manufacturers Association (AAMA) has updated a standard that can provide useful guidance when installing fenestration products. [AAMA 812-19](https://pubstore.aamanet.org/pubstore/ProductResults.asp?cat=0&src=812), *Voluntary Practice for Assessment of Frame Deflection When Using One Component Polyurethane Foams for Air-Sealing Rough Openings of Fenestration Installations*, was last updated in 2010.

In the past, one component polyurethane foams have sometimes been associated with frame deflection of fenestration products resulting from either misapplication or the use of foams not suited for this purpose. One component polyurethane foams have been developed specifically for application with fenestration products.

“One component polyurethane foam sealants are used to augment the energy efficiency performance of fenestration installations,” said **Beverly Selle** ([**Dow Chemical Company**](https://www.dow.com/en-us)), Chair of the AAMA 812 Insulating Expanding Foams Task Group. “The AAMA 812 has been updated to clarify foam physical properties, enhance sample preparation, testing and measurement procedures, and include requirements for reporting of test results.”

The practice discussed in the standard identifies pressure build and dimensional stability as the key attributes that contribute to deflection of fenestration products resulting from the use of one component polyurethane foams and provides test protocols for assessing these key attributes.

[AAMA 812-19](https://pubstore.aamanet.org/pubstore/ProductResults.asp?cat=0&src=812), as well as other AAMA documents, may be purchased from AAMA’s online store. More information about AAMA and its activities can be found on the AAMA website, [aamanet.org](https://aamanet.org/).

AAMA is the source of performance standards, product certification,   
and educational programs for the fenestration industry.SM