

# Long Term Performance and Aged R-Value of Polyisocyanurate Insulation

Thursday, March 16, 2017



Mark S. Graham, NRCA Technical Director, presents the latest technical research on polyisocyanurate insulation. Mr. Graham is at the forefront of the recent testing processes of polyiso and the resulting aged R-values. He will elucidate the why's, how's and what's of the research/testing for polyiso roof insulation. He is eminently qualified to provide up to date research, anecdotes and lessons learned about this topic and will provide guideposts and insights to where polyiso and other roof insulations are headed in the future. Mr. Graham will also provide additional guidance and lessons learned on the use of air/vapor barriers in roofing assemblies.

**Presenter:** Mark S. Graham, Vice President, Technical Services  
National Roofing Contractors Association (NRCA)

## Learning Objectives:

- Obtain the latest information the recent testing results and the use of polyiso insulation.
- Understand how to design roofing assemblies with polyiso insulation.
- Receive the latest information on the long term performance in polyiso insulation.
- Review latest technical update on the design and use of air/vapor barriers in roofing assemblies.



**Continuing Education:** 1.0 AIA/CES/HSW LU

**Time:** 12:00pm - 1:15pm

**Cost:** Complimentary with CSi2eye participation. Includes lunch.

**Participation in this program requires half or full day attendance to CSi2eye technical education event.**

**Design and Construction Professionals:** [Review CSi2eye details, exhibitor list and register to attend here >>>](#)

Registration is now closed to manufacturers.

**About the Speaker:** Mark S. Graham holds a Bachelor of Science degree in Architectural Engineering from the Milwaukee School of Engineering. In 1984, he began his career in the roofing industry when he joined F.J.A. Christiansen Roofing Co. Inc. in Milwaukee as an estimator and project manager. In 1986, he joined Wiss, Janney, Elstner Associates Inc., in Northbrook, Ill., as a project engineer specializing in the investigation, design and repair of roof and waterproofing systems.



Graham joined NRCA in 1993 and is responsible for the association's Technical Services Section. Responsibilities of this section include response to inquiries for technical information and assistance, serving as the association's technical liaison with outside organizations, and developing and maintaining the association's technical documents, including The NRCA Roofing and Waterproofing Manual. Graham is the staff liaison to NRCA's Technical Operations Committee and Manual Update Committee. He also is contributing editor for Professional Roofing magazine.

Graham is a member of the American Society for Testing and Materials (ASTM) and is active in ASTM Committees D-8—Roofing and Waterproofing, C-16—Thermal Insulation, E-5—Fire Standards, and E-6—Performance of Buildings. He also is a member of the American Society of Heating, Refrigerating and Air-Conditioning Engineers Inc., International Code Council and National Fire Protection Association.

[List of technical articles and papers written by Graham >>>](#)