MASONRY MONDAY SEMINAR SERIES

HOW TO ACCOMMODATE MOVEMENT IN BRICK VENEER AND STUD CONSTRUCTION

DECEMBER 4, 2017

WHO: Architects, Designers, Specifiers, Owners, GCs, BAC Signatory Contractors, BAC Members

DATE: MONDAY, DECEMBER 4TH

LOCATION: International Masonry Institute
2140 W. Corporate Drive
Addison, Illinois 60101

COST / LUNCH:
The cost to attend this seminar is $15 and registration is required. Lunch for seminar is provided by IMI.

SCHEDULE:
11:30 am – 11:55 pm Check-in & Seating
11:55 am – 1:00 pm Seminar & Lunch

SEATING:
Preferred, West Classroom tickets for the main classroom are limited availability to the first professionals who reserve their tickets online. We will then offer a limited number of East Classroom (overflow seating tickets) for an on-site remote classroom connected via webinar. Remote webinar viewing is not available at this time.

REGISTRATION:
Click Here for electronic registration, or visit https://goo.gl/H5YHmG
E-mail jdiqui@imiweb.org or call (630) 396-3144 for more information.

CONTINUING EDUCATION:
This program meets state of Illinois and AIA/CES requirements for continuing education, and qualifies for 1.0 HSW LU.

HOW TO ACCOMMODATE MOVEMENT IN BRICK VENEER AND STUD CONSTRUCTION

Brian E. Trimble, PE, LEED AP
International Masonry Institute
Director, Industry Development and Technical Services

Location of horizontal expansion joints, shelf angles, has been well understood and using industry recommendations can result in brick veneer structures that perform fine. However, newer types of construction, particularly taller light frame wood construction, has created some issues that are beyond the typical recommendations for brick veneer. This presentation outlines the basics of movement of building materials. It considers the differential movement of the brick veneer compared to the backing. Backings of concrete masonry, steel studs and wood stud are covered. Besides the calculation of movement, details and techniques are described that allow brick veneer to be used on structures over 30' tall.

Learning Objectives:

1. Attendees will be able to determine the movement coefficients for different materials.
2. Attendees will be able design appropriate locations for shelf angles as well as the proper detail.
3. Attendees will be able to detail for increased differential movement for tall brick veneer projects.
4. Attendees will be able to explain what movement provisions are required for different backing

Meet our Presenter…

team INTERNATIONAL MASONRY INSTITUTE
UNION MASONRY CRAFTWORKERS CONTRACTORS & CONSULTANTS

Brian E. Trimble, P.E., LEED AP, FASTM

Director of Industry Development and Technical Services, International Masonry Institute

Brian Trimble has over 25 years' experience in the masonry industry, assisting design professionals in the design of masonry structures. He is a frequent lecturer to local, regional, and national construction industry groups. He has authored many articles and papers on various masonry subjects. Brian started his career with a brick manufacturer and worked at the Brick Industry Association for over 20 years serving in various positions. For the International Masonry Institute he coordinates activities in the Western PA area promoting masonry to a wide variety of audiences including owners, contractor, architects, engineers and craftworkers.

Brian received his engineering education at Penn State University, where he received a Bachelor of Architectural Engineering Degree – Structural Design Option. He was granted his professional engineer's license in the state of Virginia and is also registered in the state of Pennsylvania.

Brian is actively involved in many organizations including the Construction Specifications Institute (CSI), American Society of Civil Engineers (ASCE), The Masonry Society (TMS), and the International Brick Collectors Association (IBCA). Brian is a Fellow of ASTM International.