

## **Blast Resistant Construction Design & Detailing**

AIA Course number: ISB-080

**Presenter:** *Sunup Mathew, SE, LEED AP*  
Technical Director, Interstate Brick

### **TOPICS:**

- Structural clay unit wall assemblies and cost comparisons
  - Brick as a load-bearing system,
  - Brick as a curtain wall and Structural brick panels incorporating unique construction methods.
- Energy, heat and moisture wall analyses
- Water permeance
- Movement joints
- Sustainability attributes

*Increase your arsenal of design tools.....  
Make your firm more competitive and marketable.....Enjoy lunch on us and*

*See cool projects along the way.*



### **LEARNING OBJECTIVES:**

- Blast resistant design concepts
- Effects and reactions of blast loads on buildings
- Building progressive collapse and potential causes
- Department of Defense general design criteria for blast resistant masonry
- Structural brick assemblies to prevent progressive collapse

#### **Who should attend?**

- Architects
- Designers
- Structural Engineers
- Specification writers

**?What is your time worth?** 1 AIA CEU/HSW