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**A VIRTUAL SMASH-UP COURSE:**  
**CERTIFIED CONTINUING EDUCATION**  
***with* IBE LEVEL III HANDS-ON TRAINING**



Polyguard Products, Inc. has created courses that provides you with Certified Continuing Education along with a specialized IBE Hands-On Training. Polyguard is proud to be a certified AIA and IIBEC Continuing Education Provider. We have several courses available to keep your firm up to date on the most current information regarding products and best practices in the commercial construction industry. We invite you to join us for the following course as detailed below.

**DATE & TIME:**

**LOCATION:**

*Course certificates will be provided for all attendees.  
AIA credits will be submitted by Polyguard Products, Inc.  
IIBEC credits are self-reporting.*

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**CONTINUING EDUCATION COURSE TITLE:**

**The Physics Behind the Lessons Learned in a Full-Size Stand-Alone  
Blindside Waterproofing Mockup**

**COURSE NUMBER:** PGBESMPHY202

**AIA CREDIT:** This course qualifies for 1.0 HSW/LU credit

**IIBEC CREDIT:** This course qualifies for 1.0 CEH credit

**COURSE DESCRIPTION:**

Burying a pre-applied waterproofing system between an earth retention system and newly installed concrete—never to be seen again—creates a difficult scenario whereby designers, manufacturers, and contractors are left to wonder just how well their system will perform. SmithGroup (an architectural engineering firm) partnered with a design-build contractor to develop a new university laboratory building. The building included two stories of below-grade construction and was placed at the corner of the project site close to the intersection

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of two streets. Based on previous success, the design-build contractor proposed the use of a specific blindside system. For the proposed system to be approved for the project, both parties agreed to perform an evaluation. A significant part of the evaluation process included the assembly and forensic deconstruction of a full-size structural shotcrete mock-up.

### LEARNING OBJECTIVES:

- Develop an understanding of a pre-applied waterproofing system within a structural shotcrete wall assembly.
- Develop an understanding of the physics and importance of bonding a pre-applied waterproofing system to a structural shotcrete wall assembly.
- Develop an understanding of the physics and importance for the survivability of a pre-applied waterproofing system in a structural shotcrete wall assembly.
- Develop an understanding of the physics and importance to resist lateral water migration of a pre-applied waterproofing system in a structural shotcrete wall assembly.

### VIRTUAL IBE LEVEL III TRAINING COURSE TITLE:

#### *Pre-Applied Waterproofing Hands-On Training*

### COURSE DESCRIPTION:

Experience the feeling of working with the materials used and evaluated in the “Full-Size Blindside Mock-Up” while never leaving the comfort of your office or home. Each individual or group participating in the training will receive a Virtual IBE Level III Training Pre-Applied Kit where the shipping box became the training mock-up and contains:

- #1 Blindside Selvage Edge
- #2 Blindside – Flashing
- #3A Outside Corner – Left
- #3B Outside Corner – Right
- #4 6” Corner
- #5 Finished Corner
- #6 End-Lap
- **Assembly Pieces:**
  - 6” Corner Boot – *from Detail Tape*
  - Underslab Corner
- **Instructions:**
  - Shipping Box Turned Into Mockup



As a single source manufacturer, Polyguard offers the latest innovations in building envelope components to control moisture and air within buildings. Our Integrated Building Envelope System™ includes products designed to work together with unique connection points to protect the structure from below grade to the roof.

For questions, samples, literature and any further information, please feel free to consult with our Polyguard Professional instructor upon conclusion of the course. You may also visit our website, <https://polyguardproducts.com/architectural/> for access to all of our product information and resources.

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