

Swisspearl Fiber Cement Panel / Rainscreen

Course Number – 40400002

Provider Number – 404108179

Credit – 1 LU|HSW

About this Course

What does an engineered solution look like within the context of a drained and back-ventilated rainscreen (DBVR) wall assembly? What are the benefits of a DBVR wall? What are some of the predominant system design considerations that are essential in a properly designed DBVR rainscreen wall? This presentation will discuss a fully integrated approach to rainscreen walls that begins with the outer skin of the wall and ends with the inner waterproofing of the wall. The presentation will present some of the common issues and problems with improper rainscreen wall design and highlight the scientific principles and elements required to ensure a properly designed DBVR wall assembly. Those who participate in the program will gain a greater understanding of critical elements of designing a DBVR wall and gain experience the knowledge of how to address each element in a holistic and integrated way.

Learning Objective 1:

Understand the History and Evolution of Rainscreen Walls

Learning Objective 2:

Describe the Layers of a Rainscreen Wall

Learning Objective 3:

Identify Rainscreen Façade Materials

Learning Objective 4:

Analyze Predominant Design Considerations and Trends for a Drained and Back-Ventilated Rainscreen (DBVR) Wall Assembly

Learning Objective 5:

Determine the Engineering Requirements for Fire Safety and Thermal Performance of a DVBR