



**The American Institute of Architects
Continuing Education Systems**

AIA/CES Registered Provider BEXT01 Program Summary

Provider:	Bendheim	Length:	1 Hour
Program #:	BEXT01	Credits:	1 LU / HSW hour
Program:	Glass Rainscreen Systems: Smart Moisture Protection for Buildings	HSW:	Yes

Description: Water damage is one of the leading causes of facade failure, and can lead to deterioration, mold and mildew growth, as well as a decline in interior air quality. This type of destruction may be preventable with the use of a rainscreen system. A proper rainscreen wraps and protects the building from water ingress, while controlling drainage and evaporation. With a rise in the demand for high-quality, durable, and healthy buildings, rainscreens offer a clear advantage. A variety of materials can be used to construct rainscreen claddings; however, glass is an ideal medium, as it presents virtually limitless aesthetic options, while its non-porous, durable surface offers ease of maintenance and longevity.

Learning Objectives: Upon successful completion of this course you will have the ability to:

1. Explain what a proper rainscreen system is and identify its main components
2. List at least three proven benefits of rainscreen systems
3. Understand the difference between Pressure Equalized vs. Drained, Back-Ventilated rainscreen systems
4. Know the basic glass rainscreen design principles and understand your system / material options

Facilitator Qualifications: All Bendheim CES facilitators / lecturers have extensive knowledge of the building technologies and materials discussed, and are considered glass industry experts. They have also received general training on CES guidelines and presentation skills.

Method of Delivery: The instructor utilizes a non-promotional PowerPoint presentation, case studies, and videos, to provide an in-depth overview of the topics under discussion. This is an interactive course encouraging participant input. Active cooperation and exchange of ideas is promoted through the use of relevant supportive materials, including glass samples.

A/V Needs: Electrical power and screen and/or projector may be required; please coordinate specific A/V equipment requirements with the instructor.

Target Audience: Architects, specifiers, facility managers, building owners, and other building and design professionals. Audience size depends on the available facilities and can be 15-60 people. This program is of intermediate educational level, and meets the needs of building professionals with various levels of expertise.

Cost: This program is sponsored by Bendheim; there is no cost of attendance.

For more information, please contact your local Bendheim channel glass representative.