



Solar Facades: Understanding Building Integrated Photovoltaics and Pressure-Equalized Rainscreens

Provider: Elemex

Course #: K2012CD

Learning Units: 1 AIA LU/HSW



The Solstex Facade System by Elemex is made from high-efficiency photovoltaic panels that are engineered to be weather-resistant and lightweight. Each large-format, code-compliant panel generates up to 16.9 W/sq.ft., reducing your building's dependence on fossil fuels, earning LEED credits, and generating savings that cover installation costs within 10-12 years. Designed to seamlessly integrate with other Elemex products, Solstex provides an unlimited range of design possibilities. Experience the Elemex difference.

Learning Objectives - After this course, you should be able to:

- Discuss the benefits of photovoltaic facades to the environment, and demonstrate how BIPV facade systems can contribute to LEED certification goals for architects and owners.
- List the components and possible attachment methods available for a successful design and installation of a BIPV facade system.
- Discuss the applicable standards and codes associated with modern BIPV facade systems.
- Explain the advantages of specifying pressure-equalized rainscreen technologies into BIPV facade system designs.

**To schedule this AIA presentation please email
elemex@schwabgroup.net or [fill out this online form](#).**

Elemex Architectural Facade Systems

Elemex is a fabricator of pressure equalized rainscreens using several different skin types. They fabricate Alumitex (aluminum composite + aluminum plate) but also offer specialty systems like their Ceramitex (sintered ceramic), Stonitex (natural stone) and Solstex (solar panels).

Elemex has been supplying rainscreen systems to US projects for 15 years and is backed by 40+ years of experience in the Canadian market.



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