

Seminar brought to you by:



Program Sponsors:



# How Low-E Coating Improved Building Performance

## December 11, 2013

Registration 4:00pm • Program 5:00pm  
Corporate College East • Warrensville Hts, OH



*Presented by*  
**Bob Schrock** CSI CCPR, LEED AP BD+C  
**PPG Industries**  
*Architectural Services*

How Low-E Coating Improved Building Performance," explains how low-e glass manages energy from different parts of the solar spectrum to control the transmission of heat and light into buildings. The course describes coating processes for "solar control" and "passive" low-e glasses and examines how such coatings impact glass performance and the energy efficiency of buildings. Common performance measures for glass are covered, and "spectrally selective" glazings are defined.

### Learning objectives include:

- Understand how Low-E coatings work.
- Understand glass efficiency study and its conclusion.
- Understand spectrally selective tinted glasses.
- Understand the difference between passive and solar control Low-E.
- Understand how Glass and Low-E Coatings factor in sustainable design and the LEED rating system.

*Bob Schrock is the Architectural Services representative for PPG Industries servicing the architectural and designer community in Ohio. He has been in the construction products industry since 1979. Bob holds certification in several organizations including CSI, USGBC, NACE and SSPC and has presented AIA accredited programs on topics of paint, coatings and glass at chapter and regional meetings for several associations.*

**For more information and to register, visit [www.bec-cleveland.org](http://www.bec-cleveland.org)**  
*(1.0 CEU LU/HSW/SD can be earned by attending this seminar)*