



Exterior Cladding Systems for Building Envelopes

Presented by Edward Knowles PE

May 20, 2011 ■ 11:00 a.m. - 4:00 p.m. ■ Sierra Gold

PRESENTATION SYNOPSIS

Edward Knowles' presentation will cover the design, fabrication, and installation of skin systems for architectural precast concrete, Glass Fiber Reinforced Concrete (GFRC), thin wall precast concrete panels, and glazing systems. He will cover the selection process from design through installation including scheduling and design criteria.

Selection Process

- Complete Definition of Scope
- Understanding of Material Type
- Dimensional Closure by Architect
- Location and Size of Primary Building Structure

Design Considerations

- Wind Load
- Seismic Drift
- Live Load Deflections
- Structure Tolerances & Clearances

Submittal & Production Documents

- Erection Drawings
- Panel Detail Drawings
- Panel Connection Hardware Drawings

ABOUT THE SPEAKER

Edward Knowles, P.E., has over 30 years of experience in architectural precast concrete and glass fiber reinforced concrete panels. He has worked for the last 15 years for Walters & Wolf, a glazing subcontractor that provides entire building facades. He is responsible for preconstruction for Walters & Wolf Precast and has experience in design, project management operations, and quality assurance. He is a Board member of the Precast/Prestressed Concrete Institute, a licensed Special Inspector for Reinforced Concrete and is a licensed Professional Engineer in the state of California.

PROFESIONAL DEVELOPMENT HOURS

A certificate for 4 Professional Development Hours will be issued to each attendee at the conclusion of the seminar.

SEMINAR LOCATION

**Sierra Gold
6525 S. Jones Blvd.
Las Vegas NV 89118
Upstairs Banquet Room**

REGISTRATION FEES

Registration fee includes seminar, buffet lunch, seminar handouts, and certificate for Professional Development Hours. **SEASoN is extending membership rates to individuals who are members of other state Structural Engineers Associations.**

SEASoN Member	\$125
State MO Member	\$125
Non-Member	\$175
Student	\$ 50

(must be a full-time student and provide current course schedule)

CANCELLATION POLICY

Cancellations received prior to May 13 will receive a full refund, after May 13th SEASoN will issue a refund less a \$50 processing charge. Substitutions from within the same company will be accommodated.

REGISTRATION FORM

Company _____

Address _____

Phone _____

Fax _____

Name _____

Email _____

Name _____

Email _____

Member of Structural Engineers State Association - Please circle one:

NV CA AZ UT CO NM Other_____

If you fax or email your registration, it will not be confirmed until your payment is received. A confirmation email will be sent to each attendee once payment is received. Please make checks payable to: **SEASoN.**

Deadline to register is May 11, 2011.

Mail payment and registration form to:

**SEASoN
P.O. Box 15507
Las Vegas NV 89114
Fax: 702-656-4981
Email: seasonlv@earthlink.net**

If you have questions about the seminar please call Dawn Miller at 702-203-7817 or email her at seasonlv@earthlink.net