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## “Façade Engineering With Glass” – NOT GREEN

Glass is the design medium of the today’s architecture and it will may easily become the material of choice of tomorrow.



Kaz developed a new seminar about architectural glass, which addresses the typical architectural questions: how to use the glass to achieve the desired architectural goals, and what advances in technology help to shape the modern architecture. We will talk about spectrally selective coatings, insulative glass, acoustic glass, security glass, self-cleaning glass, photovoltaic arrays, anti-reflective glass, switchable glass, and low-iron glass, structural characteristics of glass, as well as LED media walls. We will also discuss what old challenges remain, such as misaligned performance expectations, obsolete codes and standards, production size limits, dimensional tolerances, energy and security misconceptions, glare, and life expectancy. We will also discuss challenges that emerged recently, such as cladding two-directionally curved facades. Proper glass specification that helps avoid surprises in the field would be discussed as well. Daylight and Solar Heat Gain simulation software will be discussed.

This seminar, like other Kaz’s seminars, is offered in the highly interactive mode, flexibly adjusted to the needs of the audience, filled with quizzes, and generally entertaining, to make the transfer of the highly-technical content easier on a recipient.

The seminar is slanted toward the average architectural audience by avoiding discussions about forensics whenever possible. However, we may address some common issues, such as glass blemishes, glass matching, , and impact resistance, which are tangent to the typical architectural scope. We specifically avoided topics such as: the history of glass, descriptions of production lines and furnaces, detailed biography and gallery of photographs of founders, their families and coworkers, because you have already seen them in seminars of other authors.

Refreshingly, we will try to AVOID the discussion about GREEN aspects whenever possible.

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This seminar is not registered with AIA, CSI, USGBC, and any other organization that charge exorbitant fees in order to limit the educational programs offered to their members to commercials. If you ever attended any of the Kaz’s seminars you know the continuing education credit is relatively unimportant in comparison to the highly condensed dose of knowledge you receive. Anyway, AIA members will be offered a manual explaining howto self-register their educational activity.