A seminar jointly organised by Singapore Institute of Architects & V-KOOL International

Glass Selection for Green Buildings

Date   : 26 MAY 2011, THURSDAY
Venue   : SINGAPORE INSTITUTE OF ARCHITECTS
                 SIA THEATRETTE - LEVEL 1
                 79 NEIL ROAD S(088904)
Time   : 7.00PM - 9.00PM

PROGRAMME

6.30pm	Registration & Light Refreshment
7.00pm	Welcome Remarks by SIA
7.05pm	Presentation by V-KOOL International
8.30pm	Questions & Answers
9.00pm	End

The Making Of **Intelligent** Glass

SIA Member	Complimentary
BOA/CIJC Member	S$ 35.00
Non-Member	S$ 45.00

Registration on First-Come-First-Serve Basis
BOA-SIA CPD Accreditation 2 points

CPD PROGRAMME

SINGAPORE INSTITUTE OF ARCHITECTS

2011/044A/MS/JT

SYNOPSIS

Glass is becoming an increasingly used building material in modern architecture, primarily to harvest daylight. However the use of glass also posed issues like heat problems, safety concerns when the glass breaks etc. Innovations in glazing technology have allowed glass to be used in buildings without the associated heat or safety problems. In other specific applications, glass can also come with excellent acoustical control. Such innovations are especially critical as architects face great challenges in achieving energy efficiency to meet green building standards while balancing the need to design functional and aesthetically pleasing architecture by incorporating more glass in the design.

This seminar serves as an informative and sharing session to present some of the innovations available in glazing technology to allow architects to extend the use of glass in their design while still maintaining a high level of energy efficiency for the buildings. The topics will cover on how to select the right type of glass for various applications, in order to meet green energy efficiency standards.

1. Presentation Topics
- Glass Selection for Solar Control and Energy Efficiency
- Glass Selection for Safety & Acoustics Control

2. Learning Objectives
- To learn about the various types of glass and their correct application for solar control, energy efficiency, safety and acoustics control
- To learn how to select the optimal glass for the right application in green architectural applications

3. How would architects benefit from attendance?
- Architects will be able to learn about the latest technologies and innovations in glass technology that they can use in architectural design, from various aspects of energy efficiency, safety and acoustics, specifically for a tropical climate like Singapore
- Architects will be exposed to a useful Online Toolbox Portal to help them make glazing selection and source for suitable glass fabricators. The Online Toolbox Portal is currently under development by Solutia Singapore, Eureka Lab.

SPEAKERS PROFILE

1. Mr Yeo Boon Khee
Mr Yeo Boon Khee presently performs the role of Manager of Technology & Development, joined Novomatrix Pte Ltd in 2001 after graduating with a Degree in Mechanical Engineering from the National University of Singapore. Since joining the company, Mr Yeo has been actively involved in window films research and energy efficiency, often providing technical inputs in the area of energy conservation for various window film projects worldwide. In addition, he was also involved in developing software and measurement devices that are specially adapted for use in conducting energy audits on the energy savings provided by window films.
In 2005, Mr Yeo spearheaded the setting up of EurekaLab Novomatrix for the purpose of testing and researching of energy efficient thin film coatings. These include the solar performance, durability, and mechanical characterization of such coatings. The purpose of setting up a laboratory is to extend the research of energy efficiency and thin film coatings for windows to facilitate the use of such products in the architectural sector.

2. Mr Alvin Ng Heng San
Alvin Ng joined Solutia Singapore in 2010, after graduating with a Bachelor Degree in Mechanical Engineering, Design Specification from Nanyang Technological University of Singapore. During his tenure with the company, Alvin Ng was instrumental in providing technical consultancy for many architectural projects relating to the use of window films to improve energy efficiency, such as energy auditing, glass analysis and selection. In addition, Alvin Ng is involved in the R&D efforts in the development and applications of coatings onto glass for architectural purposes, the latest project being the online toolbox catering specifically for the use of energy efficient coatings into glass for architecture purposes.

3. Mr Darrell Lee
Mr. Darrell Lee, with a Bachelor Degree in Mechanical Engineering, is the Marketing Technical Services Specialist of Solutia, the leading manufacturer of Saflex PVB interlayers for Laminated Glass. He has more than 8 years of experience in the laminated glazing industry, responsible for customer technical interfacing in the South-East Asia, India and Taiwan region. During this time, he has provided superior technical services and expertise in the field of lamination and its applications. With PVB also gaining popularity in the photovoltaic market, he has also been actively involved with photo-voltaic customers in the Asia-Pacific region, bringing to them value-added technical support in the encapsulation process.

IQue®: Glass Selection for Green Buildings

- 7 - 9pm
- Thursday, 26 May 2011
- SIA THEATRETTE - LEVEL 1
(All seminar fees are inclusive of GST)

SIA Member	Complimentary
BOA Registered Architects/ CIJC Member	S$ 35.00
Non-Member	S$ 45.00

Closing Date for Registration **23 May 2011**
BOA-SIA CPD Accreditation **2 points**

PARTICULARS

Name (as in Passport): _____

NRIC No: _____

Membership No: [ ] SIA _____

[ ] CIJC (Pls specify Institution) _____

[ ] BOA Reg No _____ [ ] Non-Member

Organisation: _____

Address: _____

_____ S ( )

Tel: _____ Fax: _____

Email:_____

Contact Person: _____

Fees paid are non-refundable under all circumstances. Replacement of participant will be allowed only if written notification is are made at least 3 days before the event.

Where a Non-Member replaces a Member (must be from the same organisation) the fee difference will have to be made good to SIA prior to the event.

CPD PROGRAMME

SINGAPORE INSTITUTE OF ARCHITECTS

2011/044A/MS/JT

MULTIPLE REGISTRATION

NAME:	NRIC NO.	SIA/BOA NO.	ORG.	AMT:
1. _____				
2. _____				
3. _____				
4. _____				
5. _____				
6. _____				
7. _____				

PAYMENT OPTIONS

Please tick your payment mode:

[ ] **By Cheque**
Bank/Chq # : _____ Amt S$: _____
Local Cheque (must be drawn in Singapore) should be crossed and made payable to "Singapore Institute of Architects".

Please mail to:
Singapore Institute of Architects
79B Neil Road, Singapore 088904
Please indicate your name and company/institution (if any) and seminar date/title on the back of the cheque.

[ ] **By Cash**
You can drop by the SIA office to make cash payment between 9.30 am – 5.30 pm on weekdays.
Address:
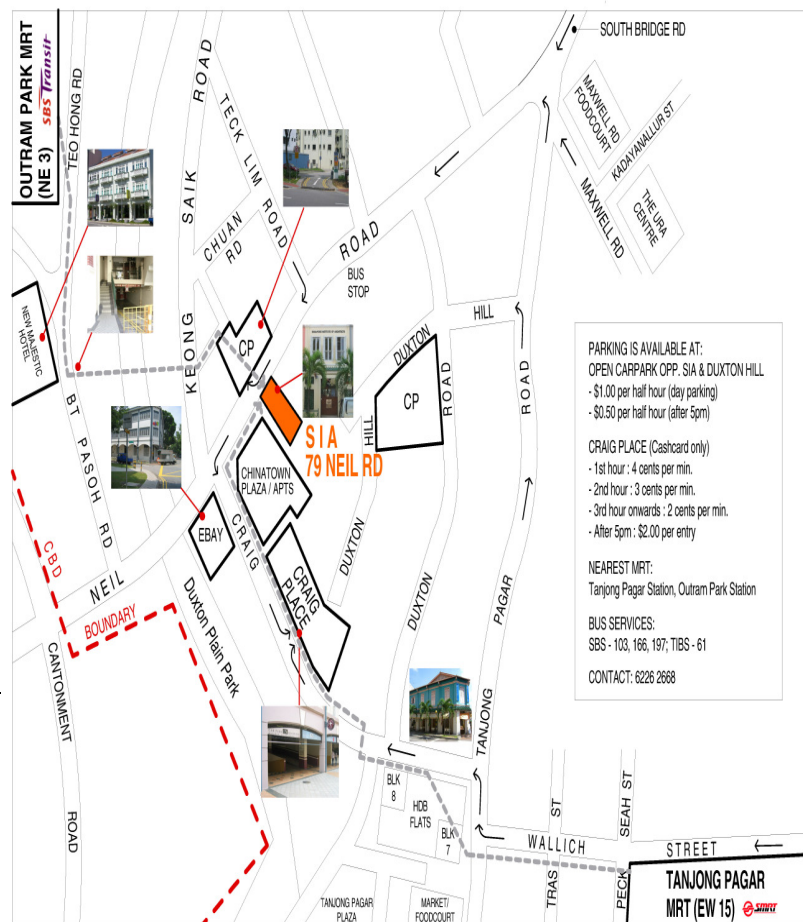Singapore Institute of Architects
79B Neil Road, Singapore 088904

* All registration will be on a First-Come-First-Served basis and will be accepted upon receipt of registration form and payment to SIA. Registration by fax will only be confirmed **upon receipt of payment.**

Cheque payment for this activity **should not be** combined with payment for other SIA events/courses.

Registration Confirmation No.:-

For Enquiry (Ms. Jacey Tay):
Tel: (65) 6226 2668
Fax: (65) 6226 2663
Email: cpd@sia.org.sg

LOCATION MAP

PARKING IS AVAILABLE AT:
OPEN CARPARK OPP. SIA & DUXTON HILL
- $1.00 per half hour (day parking)
- $0.50 per half hour (after 5pm)

CRAIG PLACE (Cashcard only)
- 1st hour : 4 cents per min.
- 2nd hour : 3 cents per min.
- 3rd hour onwards : 2 cents per min.
- After 5pm : $2.00 per entry

NEAREST MRT:
Tanjong Pagar Station, Outram Park Station

BUS SERVICES:
SBS - 103, 166, 197; TIBS - 61

CONTACT: 6226 2668