

CPD



PROGRAMME

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

Windows – Go Green!

Date : 20 MAY 2010, THURSDAY
Venue : SINGAPORE INSTITUTE OF ARCHITECTS
 SIA THEATRETTE - LEVEL 1
 79B NEIL ROAD S(088904)
Time : 6.30PM - 9.00PM

PROGRAMME

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

Sunshine
without the heat
Just think of the possibilities
Enjoy Intelligence.

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

TOPICS

Updates on BCA Guidelines and Green Mark

- What are the latest guideline from BCA on ETTV calculations and Green Mark
- Why and how solar films can be used in ETTV Calculations and BCA Green Mark

Introduction to Solar Films

- How Light, Infrared and UV will affects designs? Use of energy saving products - like low - e glass?
- Reiterate use of Solar Films to reduce ETTV and what category Solar Films is classified - Energy Efficiency, Other Green Features?
- Types of Solar Films available in the market - Metalized, Dyed, Ceramic, Crystalline...
- Understanding the Sun - Definitions of Solar Radiation
- Electromagnetic Spectrum (Focus on Light, Infrared and UV)
- How Solar Films works by reflecting UV and IR but allow VL
- What are the properties of the different types of Solar Films - conclude which kind of film is suitable for ETTV
- Simple Feel Test Demonstration / Thermal Equipment for different films
- Guideline for Architects on picking up effective Solar Films - what are the things to look out for Parameters to evaluate cool paint

How can Glass / Windows affect ETTV?

- Heat enter through Walls, Roof, and Windows affect ETTV calculations
- Quick introduction on types of Glass, emphasis on Low - E, IGU and Solar Films, how they can help reduce heat gain through windows
- General Advantages and Disadvantages for Low - E, IGUs and Solar Films

How Solar Films can reduce ETTV

- Case study to show a step by step how ETTV is calculated on Glass with Solar Film
- Project References, Success Stories (Raffles City, Bishan MRT...)

Green Mark

- Use of films for Green Mark (Other Benefits)

SPEAKERS PROFILE

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, 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.

Mr Chin Tin Wei joined Novomatrix in 2008, currently performs the role as a Technical Support Engineer holds a Degree in Mechanical Engineering from University of Aberdeen in Scotland. During his tenure with the company, Mr Chin was instrumental in providing technical consultancy for many projects relating to the use of window films to improve energy efficiency. Key successful projects include the Fairmont Hotel in Abu Dhabi and Singapore Airlines corporate office.

In addition, Mr Chin is involved in the R&D efforts to continuously improve the performance and extend the applications of window films. The R&D efforts result in new functionality in the use of window films in terms of improving energy efficiency as well as other added features such as decorative and advertising.

CPD PROGRAMME

SINGAPORE INSTITUTE OF ARCHITECTS

2010/36/MS/JK

REGISTRATION FORM

Windows - Go Green!
-Thursday, 20 May 2010
-SIA Theatre - Level 1

(All seminar fees are inclusive of GST)

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

*For SIA Members whose registrations have been confirmed, attendance is compulsory.
 Absentee/Cancellations 3 days before event will be charged at \$20.00. Verbal notification of cancellation is not acceptable.

Closing Date for Registration **17 May 2010**
 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 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.

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

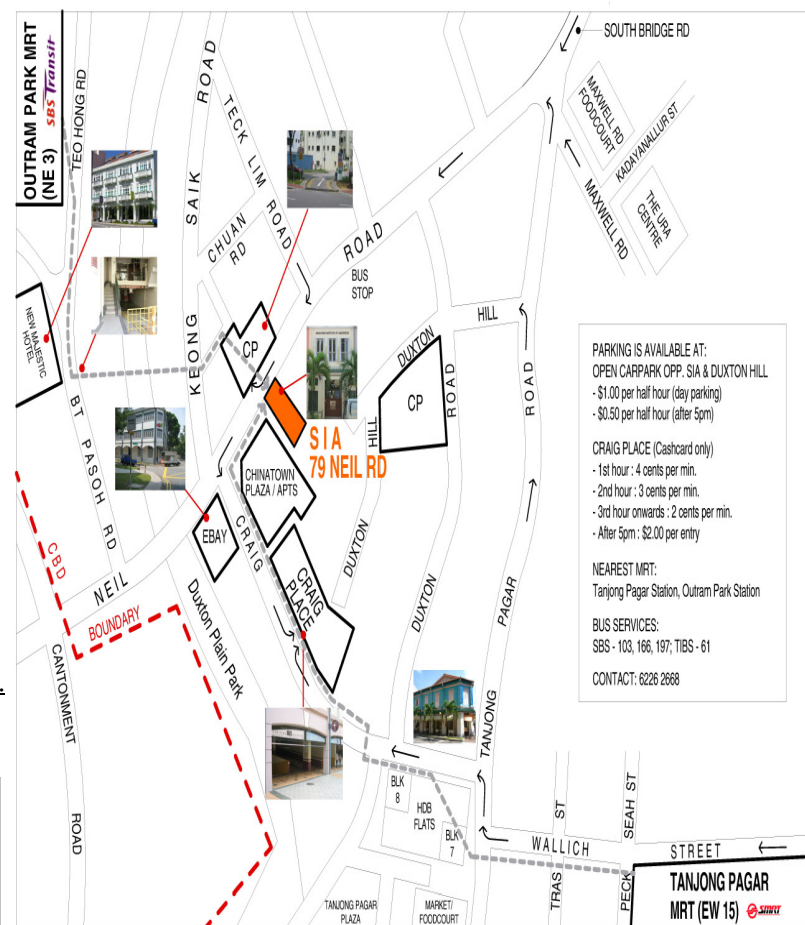
* All registration will be on a First-Come-First-Served basis and will be accepted upon receipt of registration form and payment to SIA. Registration by fax will only be confirmed upon receipt of payment.

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

Registration Confirmation No.:-

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

LOCATION MAP



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