

DETAILS

Trends and Challenges with Tempered Laminated Glass - Friday, 28 April 2006

Seminar Fee:

SIA Member *Complimentary access

*** For SIA Members whose registrations have been confirmed, attendance is compulsory. Absentee/Cancellation after 27 April 2006 will be charged S\$20.00. Verbal notification of cancellation is not acceptable.**

BOA/CIJC Member S\$ 30.00 (incl GST)

Non-Member S\$ 40.00 (incl GST)

Closing Date for Registration : **27 April 2006**

Enquiry (call Ms Jasmine Chan) Tel: (65) 6226 2668

Fax: (65) 6226 2663

REGISTRATION

Name: _____

NRIC No: _____

Membership No: () SIA _____

[] CIJC (Pls specify Institution) _____

[] BOA Reg No _____ [] Non-Member

Organisation: _____

Address: _____

S ()

Tel: _____

Fax: _____

Email: _____

Contact Person: _____

Bank/Cheque No: _____ Amount S\$ _____

Please forward your registration form and crossed cheque payable to **"Singapore Institute of Architects"** before the closing date to:



Ms Jasmine Chan
Singapore Institute of Architects
79B Neil Road, Singapore 088904

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.

Fees paid are non-refundable under all circumstances. Replacement of participant will be allowed only if notification is made at least 7 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.

SYNOPSIS

Tempered laminated safety glass market has been growing fast during the last decade in buildings. The progressive replacement of tempered glass by tempered laminated glass is mainly due to the fear of the spontaneous breakage of tempered glass even when the heat soaked treatment (HST glass) is applied and by the building codes requirements. Equally important, the new architectural trends toward lighter structures, glass structural construction and the need to avoid the risk of thermal breakage when using thermal and solar control glazing did play a role. Typical applications range from curtain walls, double skin façades, roof glazing, to engraved balconies, glass floors, staircases, and many others structural applications (glass poles, glass beams).

This architect demand for tempered laminated glass has pushed the laminators to overcome their reluctance to produce these laminates. In fact their reluctance was justified by unacceptable high reject rate during the lamination process. Major process improvements have been worked out with the glass industry and interlayer suppliers. In particular Solutia Inc. the world's leading provider of interlayers for the automotive and architectural laminated glass market (Products Trade name Saflex® PVB and Vanceva®) help laminators to produce top quality tempered laminated glass at the highest possible yield.

The seminar will present the Solutia's recommendations at the lamination process to improve laminated tempered glass.

PROFILE

Dr. Gérard Savineau

Dr. Gérard Savineau, Marketing, Technical Service Principal with Solutia Inc., has been involved with Automotive and Architectural Laminated Safety Glass since 1983. He is internationally recognised as one of the best laminated glass experts in his field and is an Expert Witness, a member of several "Glass-in-Building" Standards and Building Codes committees in France (AFNOR/BNTEC-P78-P20A-P20H), Belgium (NBN/E129). Since 1999, he has been a permanent delegate of the French Normalisation Bodies sitting at the ISO (TC 160 SC1 & SC2 -Glass-in Building-) level and as a permanent delegate of the Belgian Normalisation Bodies to represent Belgium at the European CEN (TC129 - Glass & Glazing / TC 33 - Windows, doors, shutters & curtain walls) levels.

During the last 10 years, he has been focusing on the laminated architectural glass design considerations for the building industry. This encompasses all safety & security (human impact, bomb blast, burglar attack, bullet, hurricane and earthquake), mechanical & structural strength (wind and snow load resistance) and comfort (solar and sound control) applications. His overall glass-in-building expertise have positioned Gérard as the designated laminated glass speaker/chairman of several international seminars and conferences. In his capacity as laminated architectural glass expert he provides customised internal and external laminated glass training courses for LGI organization (Europe/Africa, SA and Asia) and for Architect Engineers/Building Specifiers & Inspectors.

SINGAPORE INSTITUTE OF ARCHITECTS



Singapore Institute of Architects / Solutia Singapore Pte Ltd
jointly present

Trends and Challenges with Tempered Laminated Glass

Friday, 28 April 2006

- 2.00pm Registration
- 2.30pm Welcome Remarks by Singapore Institute of Architects
- 2.35pm What You Need To Know About Laminated Glass and Laminated Safety Glass
by Dr Gerard Savineau
- 3.20pm Coffee Break
- 3.50pm Trends and Challenges In The Application of Laminated Tempered Glass In Building Facades
By Dr Gerard Savineau
- 4.30pm Questions & Answers
- 5.00pm End of seminar

VENUE

Singapore Institute of Architects
Level 1, SIA Theatre
79 Neil Road
Singapore 088904

ACCREDITATION

A Singapore Institute of Architects (SIA) registered activity. Participating in this activity will accrue **2** points towards the requirements of the SIA Continuing Professional Development Programme.

Registered as a CES Provider of American Institute of Architects (AIA). Participation in this activity will accrue Learning Unit Hours.

Supported by the Royal Institute of British Architects (RIBA) as valid CPD Hours for its members.

CPD PROGRAMME

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2006/034/ms/jc