

*A ventilated cladding system is pressure equalized - the joints are open allowing pressure equalization in driving rain conditions to be instantaneous. Pressure inside the cavity is equal to pressure outside, thus precipitation has no inclination to be driven into cavity. Majority of the water is deflected off the outside face -any penetrating water is disposed of through drainage and drying off. Terracotta ventilated cladding means the wall panels made from clay and hang on structural sub-framing which creates air space or cavity in façade.*

*Thanks to its superior aesthetics, a building envelope with terracotta cladding and sunscreen solutions will create unique visual impact on 50%-70% of building envelope. Terracotta gives building warmth and character with beautiful, rich, earth tone colours. Terracotta associates very well with others building materials -glass and metal ('colder' aesthetics materials) and timber. Natural organics tones and variation compliment modern commercial design.*

*The first terracotta ventilated cladding was designed by famous Italian architect Renzo Piano -IRCAM Building, Paris, France .Then bigger project using big terracotta panels - International City, Lyon, France. It has become an iconic building in architectural trend.*

*Generally throughout the seminar, the speaker will explain what is terracotta ventilated system and its advantage of using it. The speaker will also share a few case studies and technical part of how to design the ventilated terracotta cladding. Objectively, this seminar is to share the latest design trend of building envelope. It also aims to promote and encourage the usage of ventilated cladding.*

## EVENT DETAILS

Date : 09 January 2014, Thursday  
Time : 2.00pm - 4.00pm  
(Registration will start from 1.30pm onwards with light refreshment)  
Venue : Singapore Institute of Architects  
SIA Theatre Level 1  
79 Neil Road (S) 088904  
BOA-SIA CPD : 4 CPD points  
Seminar fees : SIA Members\* (Complimentary),  
Non Members (\$45.00)  
(fees inclusive of GST)  
Closing date : 03 January 2014

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

\*\* Registration for attendance of seminar shall be closed 30 mins after the seminar commences.

## PROGRAMME SCHEDULE

1.30pm Registration with Light Refreshment  
2.00pm Presentation by **Mr Olivier Rober,**  
**Terreal Company**  
3.00pm Presentation by **Mr Alan Tay Shiah Shih,**  
**Formwerkz Architects**  
3.30pm Q & A  
4.00pm End of event

For more information, please contact SIA (**Ms Jacey Tay**):

Tel: (65) 6226 2668  
Fax: (65) 6226 2663  
Email: cpd@sia.org.sg

Jointly Organized by:



**Mr OLIVIER ROBER**



*Vice-President of Asia Pacific Middle-East of Terreal Company presenting Total Green Roof and using terracotta in Modern Architecture.*

*Mr Rober is graduated as an engineer from the Arts and Manufacture, Engineering and Management in the "Ecole Centrale" of Paris. From the University of California (Berkeley) in Civil and Geotechnical Engineering.*

*Mr Rober worked for 3 years as an engineer for Soletanche Bachy (Civil Engineering industry) – 2 years in Malaysia. 2+ years as a consultant for a Management Consulting Industry : Mars and Co, and 1 year as the E-business Director of St Gobain Building Distribution.*

*Mr Rober joined Terreal in 2002 with 6 years as International business development Director & Director of the cladding activity and since January 2008 as his current position (and located in Malaysia).*

**Mr ALAN TAY**



*Mr Alan Tay is one of the founding partner of Formwerkz Architects, a practice known for its innovative and human-centric approach, rooted in the belief that architecture has the power to generate more active engagement between man and man with his environment.*

*Formwerkz's numerous projects have received critical acclaim both locally and internationally. Their works are featured in numerous regional and international publications. In 2010, the 3 design partners were selected by AUDE's "20 Under 45: The Next Generation" exhibition, aim to promote a greater awareness and appreciation of design excellence. The Apartment House was listed in Monocle's Singapore Survey as one of the "Best of the Modern", alongside the likes of Paul Rudolph's Colonnade and I M Pei's OCBC Bank. In 2012, Formwerkz won the Punggol Mosque Design Competition, jointly organised by SIA and MUIS. The new mosque aims to de-mystify a traditionally closed religious institution, positioning it as an integral part of the larger community. In 2013, The Extended House by Formwerkz won both "The Building of the Year" Award and the Design Award in the 13th SIA Design Award.*



20, Jalan Kembang Melati Project

## EVENT DETAIL

GST REG. NO.: M9-0001281-J  
G.N. No. 565 in Gazette No. 27

Seminar : [SIA Professional Knowledge Series] A Smart Building Envelope, Terracotta Ventilated Facade  
 Date : 09 January 2014, Thursday  
 Time : 2.00PM - 4.00PM (Registration will start from 1.30pm onwards with light refreshment)  
 Venue : Singapore Institute of Architects, SIA Theatre Level 1 (79 Neil Road, Singapore 088904)  
 BOA-SIA CPD : 4 CPD points  
 Seminar fee : SIA Members\* (Complimentary), Non Members (\$45.00) – fees inclusive of GST  
 Closing date : 03 January 2014

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

Please fax / email the completed registration form to Ms Jacey Tay:

Tel: (65) 6226 2668

Fax: (65) 6226 2663

Email: [cpd@sia.org.sg](mailto:cpd@sia.org.sg)

And follow up with cheque / cash payment to Singapore Institute of Architects.

Please tick your mode of payment:

## [ ] By Cheque

Bank/Chq # : \_\_\_\_\_ Amt S\$: \_\_\_\_\_

Local Cheque (must be drawn in Singapore) should be crossed and made payable to "Singapore Institute of Architects".

Mail to SIA address:

Singapore Institute of Architects

79B Neil Road, Singapore 088904

Please indicate your name, company/institution and course date/title on the back of the cheque.

## [ ] By Cash

You can drop by SIA office to make cash payment between 9.30am – 5.30pm on weekdays.

## Participant's Detail

Organization: \_\_\_\_\_ Contact Person (if any): \_\_\_\_\_

Tel: \_\_\_\_\_ Fax: \_\_\_\_\_ Email: \_\_\_\_\_

Receipt Mailing Address: \_\_\_\_\_

\_\_\_\_\_ S ( )

## Full Name of Participant

(as per NRIC / FIN, pls underline surname)

NRIC / FIN #

Email

Amt

1				
	HP #:	<input type="checkbox"/> SIA Member, SIA #: [ ]	<input type="checkbox"/> Non Member, BOA # (if any): [ ]	
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	HP #:	<input type="checkbox"/> SIA Member, SIA #: [ ]	<input type="checkbox"/> Non Member, BOA # (if any): [ ]	
3				
	HP #:	<input type="checkbox"/> SIA Member, SIA #: [ ]	<input type="checkbox"/> Non Member, BOA # (if any): [ ]	
4				
	HP #:	<input type="checkbox"/> SIA Member, SIA #: [ ]	<input type="checkbox"/> Non Member, BOA # (if any): [ ]	

\*\*Please take note that all the above fields are mandatory. Incomplete form will not be process.

Total:

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 written notification is made at least 3 days before the event.

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

Registration for attendance of seminar shall be closed 30 mins after the seminar commences.

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.

Registration Confirmation No.:-

