

CPD

PROGRAMME

SINGAPORE INSTITUTE OF ARCHITECTS



Jotun Paints

A Seminar jointly organised by Singapore Institute of Architects and  
Jotun (Singapore) Pte Ltd

## Launch of JotaShield Extreme - A Cool Paint For Concrete Building Facades/Exterior Walls

**Date** : 31 Jul 2009, Friday  
**Venue** : Pan-Pacific Hotel, Marina Square  
Pacific Ballroom - Level 1  
**Time** : 11.30AM - 3.00PM

11.30am	Registration Cocktail Reception & Lunch
1.00pm	Opening Speech Mr. Ulf Hansen, President Jotun (Singapore) Pte Ltd
1.10pm	SIA Strategy towards a Sustainable Approach Mr. Ashvinkumar, President Singapore Institute of Architects
1.25pm	A Study of the Urban Heat Island in Singapore Prof. Wong Nyuk Hien Dept. of Building, School of Design & Env National University of Singapore
1.45pm	JotaShield Extreme A High Solar Reflective Concrete Coating using Advanced Pigment Technology Ms. Saw Soek Im, Regional R&D Manager
2.00pm	Question & Answer
2.30pm	Presentation of Token of Appreciation
3.00pm	End

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2009/085/MS/CT

### SPEAKER PROFILE

Dr. Wong Nyuk Hien is an Associate Professor in the Department of Building, National University of Singapore. Currently he is the Deputy Head (Research). He has been the Principal Investigator for a number of research projects funded by the various Singapore government agencies to study the Urban Heat Island effect in Singapore and to explore the various mitigation measures such as the effective utilization of urban greenery and cool roof materials.

Currently Dr. Wong is working on a Zero Energy Building Project commissioned by Building and Construction Authority of Singapore. Dr. Wong has been engaged as member of the advisory boards to the various government agencies in Singapore. Dr. Wong has also written 4 books and published more than 150 international referred journal and conference papers in these related fields. His most recent book is titled "Tropic Urban Heat Islands - Climate, buildings and greenery".

Ms. Saw Soek Im is the Regional R & D Manager for Jotun Paints in South East Asia. Having worked extensively for Jotun for the past 18 years, her experience spans from the development of exterior and interior coatings for concrete, metal, as well as wood substrates. She was key in developing the 225 UV Safe Exterior colours that is being used throughout Jotun worldwide.

She started her career as an R & D chemist, and was seconded to Norway to work in the R & D labs there for several years. She later returned to Malaysia to head the Regional R & D centre that was just being built. She was lead liason to deal with Pigment specialists from Norway in the development of Jotun's Solar Reflective concrete coating.

**BOA-SIA CPD Accreditation: 2 points**

### SYNOPSIS

#### A Study of the Urban Heat Island in Singapore

The Urban Heat Island (UHI) is a global phenomenon facing all major urban areas. In an Urban Heat Island temperatures in the city are higher than the suburban rural areas. This study on the UHI explores the cause of the UHI, and highlights the ecological side-effects of the UHI and its implications to Singapore.

The talk will explore the different methods of mitigating the heat island effect. One of the key methods would be the using building materials with high solar reflectivity. With the global trend towards green buildings and the emphasis on sustainable building practices, how can the use of solar reflective coatings (cool paints) help in mitigating the UHI.

#### Achieving High Solar Reflective Concrete Coatings using Advanced Pigment Technology

Heat Reflective Coatings are now available in the market from Jotun Paints. It is an application of a technology that took 3 years to perfect. The technology was a result of close collaboration between Jotun Pigment R & D centre in Norway, and Jotun SEA regional R & D centre. Jotun paints is the first coatings company in South East Asia to make heat reflective concrete coatings utilizing infra red reflective pigments. This presentation will explain the unique application of pigment technology and binder formulation. The result: A High Solar Reflective Concrete Coating without the need for special application properties, yet delivering unsurpassed durability.

SIA Member  
BOA/CIJC Member  
Non-Member

Complimentary  
S\$ 35.00  
S\$ 45.00

# REGISTRATION FORM



**Launch of JotaShield Extreme** Jotun Paints  
 - Friday, 31 Jul 2009 - 11.30am to 3pm  
 -Pan-Pacific Hotel Singapore, Marina Square  
 -Pacific Ballroom - 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/Cancellation with less than 3 days notice will be charged \$20.00. Verbal notification of cancellation is not acceptable.

Closing Date for Registration **24 Jul 2009**  
 BOA-SIA CPD Accreditation 2 points

## PARTICULARS

Name: \_\_\_\_\_  
 (please underline Surname)

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 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.

## MULTIPLE REGISTRATION

NAME:

NRIC NO.

SIA/BOA NO.

ORG.

AMT:

1.

2.

3.

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8.

## PAYMENT OPTIONS

Please tick your payment mode:

### [ ] By Cheque

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

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 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 (Candy J. Tan):

Tel: (65) 6226 2668

Fax: (65) 6226 2663

Email: cpd@sia.org.sg

## LOCATION MAP



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