

CPD

PROGRAMME



A joint seminar
organised by
Singapore Institute
of Architects and
Laticrete



Innovative Tile and Stone
Installation System

SIA Professional Knowledge Series:

Sustainable Construction Materials for a Long-Lasting Building

Date : 31 May 2012, Thursday
Venue : Singapore Institute of Architects
SIA Theatre – Level 1
79 Neil Road S(088904)
Time : 7.00PM - 9.00PM

PROGRAMME

6.30 – 7.00pm Registration with Light Refreshment
7.00 – 7.45pm Presentation by Mr. Malik Jamal (Wacker)
7.45 – 8.30pm Presentation by Mr. Tim Tan (Laticrete)
8.30 – 9.00pm Q & A

SIA Member Complimentary

Non SIA Member **S\$ 45.00**
(include BOA / CIJC / Non member)

Registration on First-Come-First-Serve Basis

BOA-SIA CPD Accreditation **4 points**

SYNOPSIS

With today's fast pace of life and increasing demand for speedy completion of building projects, up-to-date knowledge; technology-know-how and skills of the supervising bodies (architects, developers, contractors) are of utmost importance.

However, even in this modern century, construction damages and failures are still a common phenomenon in newly constructed buildings. When tiles are fixed to any kind of substrates, the most vulnerable point is the bonding between the tile and the substrate. How can we improve the bonding strength so that tiles are adhered strongly with no issue in delamination.

In addition, with growing demand for shoebox size apartments, sound proof materials may rise in demand for the need of privacy and to answer some common problems with sound transmission. How can we reduce sound and at the same time provide anti-fracture benefits to the buildings?

The cost of construction is primarily based on labour cost. Therefore, when architects choose construction materials, the speed with which they can be applied on site is an increasingly important factor. Self levelling compound is an advanced application which is able to meet the ever-increasing demand such as processing speed and drying time. How to shorten floor construction with fast setting self levelling compound?

Learning Points

This seminar provides the participants the merits of dry mortar and how the right choice of materials and applications can result in long-wearing buildings. Besides theory, some demonstration will also be conducted. Its aim is to give the audiences a better understanding of the dry-mix mortar, its advantages on a socio-economical level and how it can lead to an increased in work efficiency thereby saving time and money for both builders and buyers without compromising the standard and quality of the finished projects.

Topics

1. Effective, quick & easy-to-use TILE ADHESIVES
 - Improve the performance of tiled finishes by enhancing bonding
 - Tile & Stone Installations on Building Facades
 - Impact and Acoustic Sound Insulation Control
2. Smooth and Long Lasting Flooring via SELF LEVELLING COMPOUNDS
 - Aesthetical smooth flooring with an improvement in mechanical properties
 - State-of-the-art pumpable flooring system

SPEAKERS PROFILE



Mr. Tim Tan, Managing Director, Laticrete South East Asia Pte Ltd, has been involved in the construction materials technology business for over 20 years.

He has been providing education and support to industry professionals around the world in the field of building mortars and construction chemicals since mid-nineties promoting the use of modern building technologies and methodologies.

Tim, with a long family history dating back some 40 years in cement, concrete, building mortar and construction chemicals, is the joint venture partner of Laticrete South East Asia Private Limited.



Mr. Malik Jamal is currently the Technical Manager of Wacker Chemicals South Asia Pte Ltd.

He completed his Bachelor degree in Polymer Technology from University of Madras and Master Degree in Chemical Engineering from National University of Singapore. His research thesis was on silica based nano-porous materials as support for immobilizing enzymes. After graduation he continued his research activities in German MNC, studying the application of nano-particle in coatings.

He had co-authored several patents on the use of nano-particle in coatings which was assigned to a German MNC. Before joining WACKER, he worked as a senior technical executive in Japanese MNC responsible for new product development and technical service in the coating industry.

WACKER

CPD PROGRAMME

SINGAPORE INSTITUTE OF ARCHITECTS

2012/048/MS/JT

Sustainable Construction Materials for a Long-Lasting Building

Closing Date for Registration	<u>28 May 2012</u>
BOA-SIA CPD Accreditation	4 points

SAP Code: 2PK-4201035-009

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.

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