SIA: Beyond Conventional Facade Materials (AM Session)

Synopsis

CPD Points: 4 CPD
PDU Points: Pending

3rd Speaker: Major Lim Lam Kwang, SCDF
Topic: Fire Safety and Cases Studies on Building Façades
Recently there were many big building fires involving the use of curtain walls or cladding especially in the recent case of Grenfell fire where many lives were lost, this causes alarm on what should be done to prevent such disaster. The speaker will showcase some of recent fire incidents and also share on the possible causes of those fires. He will do a recap on the salient fire safety requirements such as fire stopping on curtain walls and cladding, type of testing standards as stipulated in the latest Fire Code and Product Listing Scheme (PLS). He will also highlight some of the tips on what to look out for on the test reports and Certificate of Conformity (COCs), and quick test methods that can help architects to determine if the products are in order. The speaker will share on some of the best practices to minimize the cladding fire risks.

2nd Speaker: Dr Dien Pandiman, Pidilite Innovation Centre
Topic: Beyond Traditional Decorative Paints
The evolution of paint and coating technology for building facade comes a long way from solvent-based material to greener and friendlier water-based paint coating materials with various polymer chemistries from acrylic, silicone, epoxy, and polyurethane. The objective of this session is to share new green “Innovative Materials” for Green Building Facade that is a technological innovative green polyurethane-based solar heat shielding and fluorocarbon-acrylic hybrid polymer technology.

The participants/audiences will learn and understand the new combination coating system of water-based liquid applied polyurethane-infrared(IR) shielding and thermal reducing and high durable fluorocarbon coating technology being rolled out in the market, and will be certainly very useful information and practical tool for making the right choice and decision on the selection of the right coating materials for the long-term durability and performances on the facades.
1st Speaker: Mr Mathieu Meur, DP Facade
Topic: Facades beyond Curtain Walls and Metal Cladding
This session aims to provide an insight into the multitude of façade constructions that can be adopted. With new materials frequently being rolled out into the market, we will review the conditions required for adopting new materials, as well as precautions to take when doing so. We will review such materials as Polycarbonate / Acrylic, tension fabrics, GFRC, GFRP, fibre cement boards, precast concrete / UHPC, HPL, Foamed Concrete / Aerated Autoclaved Concrete, metal fabric, EIFS and several others. The intention of this session is to provide practical information and advice that is directly applicable to real-life projects.

Schedule

9.00am Registration with Light Refreshment
9.15am Opening Introduction
9.30am Presentation by Mr Mathieu Meur, DP Facade
10.30am Presentation by Dr Dien Pandiman, Pidilite Innovation Centre
11.15pm Presentation by Major Lim Lam Kwang, SCDF
12.00am Q & A
12.15pm End of event

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<tr>
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Tickets Price

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