

PAM

**cpd
seminar
2011**

**PAM Sabah Chapter
CPD Seminar & Event Committee 2011**

Saturday, 24th September 2011
Grand Ballroom, Pacific Sutera Hotel Kota Kinabalu

**EVG 3D CONSTRUCTION SYSTEM –
AN INTELLIGENT AND FULLY INTEGRATED IBS**
By: Bristeel Corporation Sdn Bhd

Speaker: Mr. Christian Peheim
*[Head of Structural Engineering Department –
EVG Austria Headquarters]*

Venue:

**Grand Ballroom
Pacific Sutera Hotel,
Kota Kinabalu.**

Registration fees:

Admission is free

Seminar programme:

08.30 am – 09.00am

**Light breakfast &
Registration**

09.00 am – 10.30 am

Presentation start

10.30 am – 10.45 am

Tea Break

10.45 am – 12.00 am

Presentation continues

12.00 am – 12.30noon

Q & A Session

12.30 noon

Lunch & End

**LAM CPD Points
have been applied**

REGISTRATION FORM

I am a PAM member

I am a non PAM Member

I am a Student

Membership No (PAM): _____ (LAM): _____

Fax No: _____ Office No: _____

Name: _____

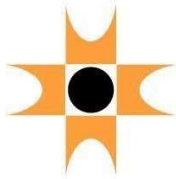
Address: _____

Email address: _____

H/P No: _____

Capacity is limited. Thus, registration is based on first come-first-served basis. Any cancellation of registration must be notified by 22nd September 2011, 5.00 pm.

NOTE: At times, due to unforeseen circumstances, the scheduled events may have to be cancelled or rescheduled for which PAM Secretariat would normally inform the registered attendees/participants accordingly. In order to avoid causing any inconvenience to members due to any last-minute changes, we strongly recommend that members to call **PAM Sabah Chapter at 088-232 524 or 088-261 313** for confirmation of the scheduled events or visit PAM website at www.pamsabah.com.



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Speaker's Biography (provided by the speaker)

Mr. Christian Peheim

Head of structural Engineering Department – EVG Austria Headquarters

Synopsis of Paper

EVG 3D Construction System is a worldwide patented technology, designed and developed by EVG Austria, the system has been widely used in more than 60 countries for more than 30 years and offers a simple and cost effective Industrial Building System (IBS) to finally deal successfully with Malaysia's and the world's ever growing needs for more shelter, buildings and housing. An EVG 3D panel consists of a three-dimensional welded wire space frame sandwiched with a modified polystyrene insulation core.

Advantages of EVG 3D Construction System:

1. Two main materials for the entire building i.e. panels and shotcrete
2. Relatively simple construction –
~ Speedy erection ~ Reduced workforce ~ Simple installation of utilities
3. Superior strength and performance-excellent thermal (to save energy) and sound insulation
4. 30-40% lighter construction-
~save on foundation ~easy to transport and handle ~no crainage
5. Complete design flexibility
6. Fully integrated, load bearing panels for walls, floor slabs and roofs
7. Elimination of conventional beams and columns
8. Less on-site supervision, less complicated coordination and interfacing between trades and QA/QC on site assured
9. Major reduction in wastages of material-
~economical use of materials ~minimal storage and fabrication area ~
improve cleanliness and safety on site
10. No need for special tools and heavy equipments at site
11. Flexible to complement RC Structures construction or other precast IBS System.
12. Earthquake resistant up to 7.5 Richter scale and typhoon resistant up to 300km/hour.
13. Monolithic shell over the entire building-minimal maintenance and long life of building.
14. Sustainable natural resources-environmentally friendly, extremely low carbon footprint.

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