

Half-Day Online Seminar on Fibre Reinforced Concrete (FRC)

17th June 2021, Thursday

(4 hours of Interactive Online Session)

0830 - 0855	Registration
0900	Module 1: What is Fibre Reinforced Concrete (FRC)- The Introduction by Mr. Peter Chan
-	Outline:
0945	<ul style="list-style-type: none"> ➤ Steel Fiber Technology ➤ Benefit and advantages of Using Steel Fiber ➤ Type of Floor we can design with Steel Fiber
0945 - 1000	Q&A and Break
1000	Module 2: Fibre Reinforced Concrete (FRC) Slab Design by Mr. Torpong
-	Outline:
1045	<ul style="list-style-type: none"> ➤ How to design a safe and reliant pile supported floor with SFRC, based on global, local standard and guidelines ➤ Why Dramix 5D fiber ➤ Actual Case Study
1045 - 1100	Q&A and Break
1100	Module 3: Fibre Reinforced Concrete (FRC) Slab Construction by Mr. Steven Lim
-	Outline:
1145	<ul style="list-style-type: none"> ➤ How to construct a high-quality floor with steel fiber concrete
1145 - 1200	Q&A and Break
1200	Module 4: Fibre Reinforced Concrete (FRC) Tunnels by Mr. Gan Cheng Chian
-	Outline:
1245	<ol style="list-style-type: none"> 1. Design of FRC – Recommendations on how to design FRC in accordance to UK Concrete Society TR63 suitable for tunnel linings. 2. QA/QC of FRC – Recommendations on how to ensure consulting engineer's confidence in the use of FRC for tunnel linings. 3. Durability of FRC – Examples of FRC durability as far back as 1985 with a focus on tunnel linings.

Trainers Profile

Mr. Gan Cheng Chian

Mr. Gan graduated from National University of Singapore in 1989 as a civil engineer & has worked in the construction industry for 32 years. He is currently working for Bekaert Singapore as Technical Manager and operates out of Singapore. In his 23 years working for Bekaert, he has been involved in many prestigious underground projects and construction projects around Asia. Some of the projects he has been involved with include Qinling Railway & Highway Tunnel Xian, China; Mandai Underground Cavern Singapore, BMW Shenyang, China, Daimler Chrysler Beijing, China, Busan International Exhibition & Convention Center, South Korea and Jurong Rock Cavern Singapore.

Since Jan 2019, he was one of the members of the working group drafting the Singapore Standard on Design of Fibre Concrete Structures. In Mar 2019, he was appointed as the Domain Expert for Sprayed Concrete and in Jan 2020, he was appointed as Domain Expert for Fibre Reinforced Concrete under iNPQS (Intelligent National Productivity and Quality Specification Singapore).

Trainers Profile

Mr. Peter Chan Farn Her

Mr. Peter Chan started his career in the building materials and construction industry since 1998. He has more than 20 years' experience in building materials trading, especially in concrete products. In the past, he led the Technical Sales Team in one of the leading RMX players in the country and working closely with the specifiers, architects and engineers for high performance innovative and sustainable solutions before he moved to his current company. Currently, Peter is looking after the Dramix Steel Fiber in the region for various concrete applications.

Mr. Torpong Thanadka

Mr Torpong graduated Civil Engineers from Chulalongkorn University (1998) and received his Master Degree from Thammasat University Thailand (2009). He worked in various field in construction industry for over 20 years and later served as specialist in high performance product such as high-performance bar, GFRP, and including the high-performance steel fiber. He also shared his expertise by being an active speaker to university and civil engineering origination in Thailand. Since 2015, Mr. Torpong is working with Bekaert, world leading in Steel Fiber as Technical Manager of SEA.

Mr. Steven Lim

Mr. Steven Lim has been involved in the construction industry for more than 20 years. In 2004, Steven Lim joined Zacklim Flat Floor Specialist Sdn Bhd specializing in concrete flooring works. Steven Lim pursued his further study in obtaining MBA in Project Management in year 2004 from the University of Southern California in collaboration with University of Malaysia. In year 2013, Steven Lim obtained his ACI-Certified Industrial & Commercial Flatworks license in Las Vegas/2001 Dipstick USA ACI-F_Number. Over the past 15 years, Steven Lim has gained vast experience in constructing world class standard floors locally and in overseas.

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REGISTRATION FORM

Date	IEM Member	Non Member
17 th June 2021, Thursday	<input type="checkbox"/> RM250.00	<input type="checkbox"/> RM350.00

No	Name(s)	M'ship No.	Grade	Fee (RM)*
TOTAL PAYABLE				

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Enclosed herewith a crossed cheque No: _____ for the sum of RM _____ issued in favour of "**IEM Training Centre Sdn Bhd**" and crossed 'A/C payee only'. I/we understand that the fee is not refundable if I/we withdraw after my/our application is accepted by the Management as stated in the cancellation term. If I/we fail to attend the course, the paid registration fee will not be refunded.

IEM Training Centre reserves the right to cancel, alter, or change the program due to unforeseen circumstances. every effort will be made to inform the registered participants of any changes. in view of the limited places available, intending participants are advised to submit their registrations as early as possible so as to avoid disappointment.

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IEM Training Centre reserves the right to postpone, reschedule, allocate or cancel the course. Full refund less 30% if cancellation is received in writing more than 7 days before the start of the event. No cancellation will be accepted prior to the date of the event. However, replacement or substitute may be made at any time with prior notification and substitute will be charged according to membership status.

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