

**Half-Day Talk on “Durable Corrosion-Proof System for Non-Absorptive and Impermeable Concrete Properties”**

**Date** : **Saturday, 12<sup>th</sup> October 2019**  
**Venue** : **Voyager Room, Level 8, The TROVE Hotel, Johor Bahru**  
**Speaker** : **Mr. Gabriel Leung, Cementaid Group**

**Synopsis**

Concrete durability is an all-time crucial concern of Engineers. Non-performing anti-corrosion / waterproofing products used in structures can shorten the overall life span of those structures by far and no Engineer would like to experience it. This talk attempts to go back to the basic to see in what way concrete is under attack especially when it is exposed to aggressive environments such as marine or sewage environments. The reasons why many anti-corrosion / waterproofing products available in the Market fail to protect concrete and the solution shall be explored in this talk as well.

The objective of the talk is also to give a better understanding for our young engineers and practicing engineers to get some insight on the above topic.

Time	Tentative Program
8.30 a.m. – 9.00 a.m.	Registration
9.00 a.m. – 9.10 a.m.	Welcome Speech by IEM Southern Branch Organizing Committee
9.10 a.m. – 10.30 a.m.	Session 1: Waterproofing System – Part 1
10.30 a.m. – 10.45 a.m.	Coffee Break
10.45 a.m. – 12.15 p.m.	Session 2: Waterproofing System – Part 2
12.15 p.m. – 12.45 p.m.	Discussion: Industry Case Studies
12.45 p.m. – 1.00 p.m.	Question and Answer Session
1.00 p.m.	End of Talk & Lunch

**Speaker Biodata**

Mr. Gabriel Leung obtained his Bachelor Engineering (Civil and Structural Engineering) from Hong Kong Polytechnic University in 1989 and BBA (Marketing) in La Trobe University of Australia. He has been working in Cementaid for more than 25 years, his vast technical knowledge in Concrete Waterproofing and Durability enables him to win over a strong trust from various Consultancies, Developers, Concrete Suppliers as well as various Government Authorities in many countries. His completed waterproofing projects including more than 35 MRT Stations in Singapore such as KPE Tunnel, Changi Wastewater Retreatment Plant, the Suntec City as well as the entire Resort World Sentosa project and many more residential, commercial and infra structure works in the Region. Mr. Leung’s innovative ideas always welcomed by contractors as well as developers for higher effectiveness, Value Engineering and Time Saving.

**Participant Fees:**

Grade	Online	Normal
IEM Corporate Members & IEM Graduate Members (30 years and above)	RM90.00	RM110.00
IEM Senior Engineers (60 years and above)	RM 80.00	RM100.00
IEM Graduate Members (Below 30 years)	RM 70.00	RM 90.00
IEM Student Members	RM 60.00	RM 70.00
Non-Member	RM160.00	RM180.00

**Closing Date: 4<sup>th</sup> October 2019**

**For ONLINE REGISTRATION**, payment **MUST BE MADE VIA ONLINE PAYMENT** (bank-in the participant fees into the Institution’s Maybank Current Account (No. 5-013920-15708) before the **closing date**. Registration will be on a first-come-first-serve basis. Kindly return the Reply Slip to the IEM (SB) office before **4<sup>th</sup> October 2019** together with a non-refundable cheque for the participant fees made payable to **The Institution of Engineers, Malaysia (Southern Branch)**. Alternatively, you could bank-in the participant fees into the Institution’s Maybank Current Account (No. 5-013920-15708), and to facsimile both the Bank-in and Reply Slips to the Institution. The Institution requests all members co-operation in ensuring fees are paid in advance to the seminar. Please also be reminded that fees will not be refunded to absent participants who have paid, and to also note that all reservations must be paid despite participant cancellations. Thank you for your continuous support of the Institution.

*Chairman, Sub-Committee on Seminar and Technical Talk, IEM (SB)*

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The Institution Of Engineers, Malaysia (Southern Branch) **FAX: 07 - 331 9710**

**Half-Day Talk on “Durable Corrosion-Proof System for Non-Absorptive and Impermeable Concrete Properties”**

Saturday, 12<sup>th</sup> October 2019, 9.00 a.m. – 1.00 p.m. at the TROVE Hotel, Johor Bahru

I wish to attend the above talk. I enclosed herewith a cheque No. .... for the amount of RM.....as payment for the seminar fee.

Name of Member: .....Membership No:.....

I/C No: .....

Address: .....Tel (O): ..... Fax :.....

.....Tel (H/P):.....

.....E-mail:.....

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