

PHYSICAL TECHNICAL TALK ON

The Evolution of Waterproofing Materials: From Traditional Membranes to High Performance Systems

Organised by: Seniors Special Interest Group SSIG, IEM

BEM Approved CPD: 2 Hours

CPD Ref.No.: IEM25/HQ/607/T



**10 JANUARY 2026
SATURDAY**



9.00 AM - 11:00 AM



**Auditorium Malakoff
Wisma IEM**

Speaker



Mr. Lim Khin Fong, James

REGISTER NOW

Registration fee

- Student Member: Free
- IEM Member: RM15.00
- Non-Member: RM70.00



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SYNOPSIS

The talk explores the key waterproofing material options available today, from traditional cementitious and bituminous membranes to advanced liquid-applied systems and spray polyurea. Participants will learn how to select the right material based on substrate, exposure conditions, durability requirements, application method, and long term performance. Common failures caused by wrong material selection and poor workmanship will also be discussed, helping professionals make informed and practical decisions

SPEAKER'S BIODATA

Mr. James Lim is the founder and director of CRT Specialist (M) Sdn Bhd, specializing in concrete repair and waterproofing. With over 25 years of experience, he has been involved in major projects including KVMRT

Line 1 & 2 underground works and various high-rise developments. He holds a Civil Engineering degree from the University of Auckland and an Executive MBA from the University of Bath. Active in the American Concrete Institute Malaysia Chapter, James regularly contributes to industry seminars and led a team of professionals in developing a technical commentary on flat roof water intrusion.