



FIRE PERFORMANCE OF EXTERNAL CLADDING:

FROM MATERIAL TESTING TO BS 8414 SYSTEM COMPLIANCE

BY VITALLY INDUSTRIES

INSIGHTS

This presentation highlights the importance of fire safety in external wall cladding systems, focusing on both individual material performance and full-scale system validation. Emphasis is placed on standardized testing, including material fire tests and the large-scale façade assessment under BS 8414.

The session outlines how compliance with both material-level and system-level fire testing contributes to a holistic approach in façade design, supporting improved fire performance and safer outcomes in high-rise developments.

FROM TENKOLOK TO ARCHITECTURAL LANGUAGE:

CULTURAL EXPRESSION THROUGH THE FAÇADE OF WISMA MELAYU SARAWAK

BY PU ARCHITECT

INSIGHTS

This presentation explores how Malay cultural heritage can be translated into contemporary architectural expression through the façade design of Wisma Melayu Sarawak. Inspired by the Tengkolok, the traditional Malay headdress symbolising dignity, leadership and identity, the project demonstrates how cultural references can inform architectural thinking beyond mere ornamentation.

The talk will share the design journey from concept development to implementation, examining how the geometry, folds and symbolic qualities of the tengkolok were abstracted into a contemporary façade language. It will discuss the integration of cultural narratives with architectural requirements, including identity, environmental responsiveness, materiality and constructability.

Using Wisma Melayu Sarawak as a case study, the presentation highlights the opportunities and challenges of embedding local cultural values within modern architectural practice. It also reflects on the role of architecture in shaping place identity and creating meaningful connections between culture and the built environment.

Through this project, participants will gain insights into how heritage can become a catalyst for innovation, resulting in architecture that is authentic, contextually responsive and relevant to contemporary practice.



11
JULY
2026
SATURDAY



🕒 8:30 AM - 1:30 PM
📍 PAM SARAWAK CHAPTER, SARADISE

Free for PAM members
RM54 for Non-members



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SPEAKERS



LIM CHENG LING

Business Development Manager
Vitally Industries Sdn Bhd

Cheng Ling has over 11 years of experience in the building materials industry, focusing on specification development and supporting project requirements from the design stage through to completion. She has gained extensive exposure across a wide range of projects, including high-rise, commercial, mixed-use, government, residential, and transport infrastructure projects.

FROM TENGGOLOK TO ARCHITECTURAL LANGUAGE:

CULTURAL EXPRESSION THROUGH THE FAÇADE OF WISMA MELAYU SARAWAK

BY PU ARCHITECT

SPEAKERS



AR. AHMAD SURAWANG

Ar. Ahmad Sura Awang is the Managing Director of PU Architects Sdn Bhd. His work focuses on culturally responsive and environmentally conscious design, integrating heritage, context, and green architecture principles. He has led various projects including Wisma Melayu Sarawak and actively contributes as an external university panel member in Sarawak, advocating architecture rooted in culture and sustainability.



MOHAMAD AFRIZAN MOHAMMED

Mohamad Afrizan Mohammed is a Design Director at PU Architects Sdn Bhd. He contributes to the firm's design direction across diverse project types, focusing on innovative and context-driven architecture. He is Team Leader for the Wisma Melayu Sarawak project, responsible for design coordination, delivery, and client liaison. He is known for creative thinking, attention to detail, and commitment to design excellence and sustainability.

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AGENDA

- 08.30 am Registration
- 09.15 am Fire Performance of External Cladding: From Material Testing to BS 8414 System Compliance
- 09.45 am Q & A
- 10.00 am Coffee Break
- 10.30 am From Tengkolok to Architectural Language: Cultural Expression Through the Façade of Wisma Melayu Sarawak
- 12.30 pm Q & A
- 01.30 pm End of Session & Lunch