

TOPIC:

CUSTOMISING ROOFING SYSTEMS TO MEET ARCHITECTURAL DESIGN REQUIREMENTS & PERFORMANCE CRITERIA FOR DIFFERENT BUILDING TYPES

**SWISSMA & BSM
PAM NORTHERN CHAPTER SEMINAR**

VENUE : PAMNC & Online via Zoom

26 AUG
SATURDAY

08:30 AM - 01:00 PM

SYNOPSIS

Aside from the aesthetic aspects of a building, performance criteria is also a crucial consideration in many architectural designs. Join us for an insightful session, where speakers from the coated steel and roofing solution industries converge to provide an overview of the design requirements & performance criteria for different building types. We will begin by delving into material basics such as key concepts in steel thicknesses, performance comparison of different types of coated steel, paint performance, and demonstrating real-world case studies in durability and aesthetic potentials.

In addition, we will dive into architecture design requirements by providing valuable insights on customising roofing system designs to fulfill thermal and acoustic performance criteria through elaborating on the gazettement of UBBL By-Law 38A and Sound Transmission Class (STC) Rating requirement for different building types such as electronic & electrical factories, data centers, warehouses, and manufacturing plants.

SPEAKERS



Mr. LOW PING HING

Managing Director

Swissma Building Technologies Sdn Bhd

Low Ping Hing graduated from Monash University, Australia with a Bachelor degree in Civil Engineering in 1983. Upon graduation, he worked for over four years as a structural design engineer as well as a resident engineer in a private engineering consultant firm in Kuala Lumpur.

In 1988, Low ventured into the metal roofing industry. Over the last 35 years, he has accumulated vast experiences across different fields, including Sales, Marketing, Project Management and providing technical advisory for metal roofing solutions. Over the years, he has done many sharing of his experience on technical solutions to Pertubuhan Akitek Malaysia (PAM), The Institution of Engineers, Malaysia (IEM), Royal Institution of Surveyors Malaysia (RISM) as well as various universities and colleges.

Low is a member of SIRIM Technical Committee in setting up Malaysia Standard, MS 2523:2013 titled Metal Sheet Roof and Wall Cladding: Test Method. He was also actively involved in the development of National Occupational Skill and Standard (NOSS) for metal roofing by CIDB Malaysia. He is currently the Managing Director of Swissma Building Technologies Sdn. Bhd.



Mr. JACK CHUM

Technical Marketing Manager

NS BlueScope Malaysia Sdn Bhd

Jack Chum graduated from Universiti Sains Malaysia in 2004 with a bachelor's degree in Material Engineering, B.Eng (Hons). He has more than 19 years of working experience in steel-related industries. Currently, he is the Technical Marketing Manager of NS BlueScope Malaysia responsible for Product Innovation and Technical Services covering Malaysia, Singapore, Brunei and South Africa.

He is actively involved with professional bodies such as Pertubuhan Akitek Malaysia (PAM), Royal Institution of Surveyors Malaysia (RISM), The Institution of Engineers, Malaysia (IEM) and government bodies such as Jabatan Kerja Raya (JKR) in conducting technical seminar regarding coated steel for metal roofing, wall cladding and light weight structural steel application. He is also a member of the Technical Committee (TC) with Jabatan Standard Malaysia in setting up Malaysian Standard (MS) for Alloy Steel and Coated Steel such as MS 1196, MS 2657, MS 2383 and SIRIM Eco-Label for Coated Steel.