

TECHNICAL TALK 03/2025



PAM
Pertubuhan Akitek
Malaysia
Sarawak Chapter

Innovative Industrialized Building System (IBS) & Green Building System

15.02.2025

8.00AM - 1.00PM

PAMSC Centre@Saradise



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Programme

8.00AM	Registration
8.30AM	Starken Presentation: Build Greener with AAC Building Solutions by Asbar Sanusi
10.00AM	Break
10.30AM	ASEAN Towards Smart Living
11.00AM	Carbon Reduce & Bonding Beneath Elephant Roof
11.30AM	Redefining Versatility: SCG Cementboard for Modern Architecture
12.00PM	Design Without Limits: SCG Cementboard for Interior and Exterior Excellence
12.30PM	Q&A
1.00PM	End/Lunch

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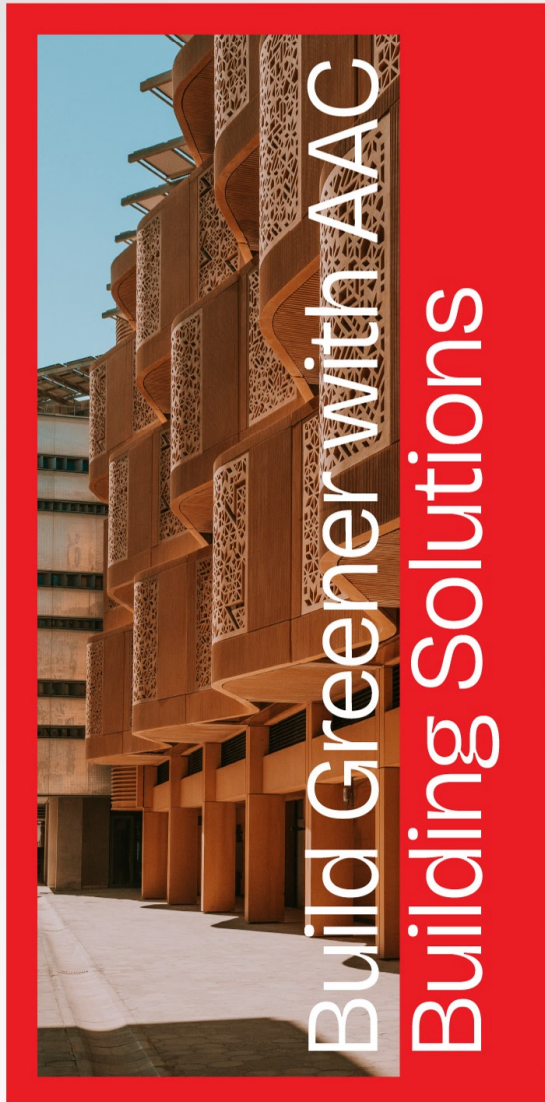


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AAC Building Solutions is one of the alternative solutions that will make the world a 'greener' place to live in. AAC materials have much lower embodied carbon footprint compared to conventional "Brick & Mortar System", the use of AAC to protect the building envelopes will greatly reduce the operating cost of the building. With the advantage of having an IBS factor of 1.0, adopting Starken walling solutions will also

result in reducing CO2 emissions especially via the reduction in the wall 'dead load' up to 50%. Thanks to the lightweight attribute of AAC products. Lighter wall means less piling at the foundation and less reinforcement for the superstructure work which may translate to between 12% to 25% cost saving, depending on the type of buildings.

Asbar Sanusi

technical department lead

Graduated in BSc in Civil Engineering, he has been involved in IBS related activities since 1993. Started his career as a Technical Engineer in a company that manufactures and market Fibre Cement building system solutions. These solutions include ceiling and IBS drywall, fire and acoustic rated for internal and external applications. In 2013 he joined Starken AAC Sdn. Bhd. to lead the Technical Department, offering

technical advisory services related to the use of AAC blocks and reinforced AAC panels for various walling applications to the local construction sector as well as for Singapore. He has contributed his knowledge by participating in meetings and workshops organized by Sirim & CIDB. Among his contributions include reviewing **IBS related Construction Industry Standards (CIS) such as CIS 18 and CIS 24**. In addition, he was also appointed as one of the panel members for developing for CIDB's Block Wall training modules.

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ASEAN Towards Smart Living

Climate change poses a significant challenge to global sustainability, with rising temperature and extreme weather affecting lives and economies. With over 111 years of experience, SCG aims to create smart living systems towards sustainable, good quality of living.

Carbon Reduce with Modular House

SCG leverages advanced technologies and eco-friendly solutions to reduce carbon emissions through initiatives like energy-efficient construction materials, renewable energy systems, and circular economy practices that minimize waste and extend product life cycles.

Bonding Beneath Elephant Roof

The Elephant Roof by SCG is an innovative product designed to promote sustainability, energy efficiency, and durability in construction. Its role as an innovative solution includes Energy Efficiency, Durability and Longevity and Eco-Friendly Materials.



Over 18 years of experience in innovative building, he played a pivotal role in expanding SCG Smart Living's global footprint, driving sustainable growth through strategic partnerships and innovative solutions. With a commitment to enhancing modern living, he champion the values of SCG Smart Living, ensuring the delivery of high-quality, durable, and stylish materials that cater to diverse lifestyles and needs worldwide.

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Redefining Versatility: SCG Cement Board for Modern Architecture

Step into a new era of design innovation with SCG Cement Board - a material that empowers architects to create bold, groundbreaking structures with unmatched flexibility and reliability.

Sustainable Solutions: Enhancing Durability with SCG Cement Board

Revolutionize your approach to sustainable design with SCG Cement Board - an eco-friendly material built to endure, reduce maintenance, and elevate every architectural vision.

Design Without Limits: SCG Cement Board for Interior and Exterior Excellence

Break free from design constraints with SCG Cement board - the key to crafting stunning interiors and durable exteriors that stand the test of time and redefine possibilities.



Chaiwat Chaiwuttimakorn

product expert manager

He has developed exceptional expertise in product knowledge, advanced installation methodologies, and strategic market planning. His professional journey includes collaborating with clients across 17 countries spanning Europe and Asia, granting him a comprehensive understanding of diverse market demands and cultural nuances. This extensive global experience enables him to deliver precise, reliable, and innovative solutions tailored to meet the unique requirements of each client, while ensuring the highest standards of quality and professionalism.

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