



➤ Tile Setting and Flooring Materials



➤ The wave - Nanyang Technological University sports hall

The Wave, the first large-scale building in Southeast Asia was built using an innovative timber construction technology known as Mass Engineered Timber. It provides five times better heat insulation than concrete and can support a continuous 72-metre wave-like roof without the need for internal columns.

The Wave reflects the ongoing transformation of the built environment sector towards advanced and less labour-intensive construction technologies with a greater focus on sustainable practices.

With Mass Engineered Timber, NTU's sports hall is designed with external columns to support the seven long-span timber arches which weigh over 440 tonnes. This is possible because Mass Engineered Timber is much stronger than concrete or steel when comparing its weight-to-strength ratio.

As the building process involves assembling prefabricated parts, construction is sped up, resulting in 25% savings in manpower.

> LOCATION

Singapore

> CUSTOMER

B19 TECHNOLOGIES PTE LTD

> DEVELOPER

Nanyang Technological University

> MARKET SEGMENT

Commercial & Infrastructure Building

> SUBSEGMENT FUNCTION

Tiling

> YEAR

2016

APPLIED PRODUCTS



- DAVCO SUPER TTB

ALSO

- LANKO AC PRIME

TECHNICAL DETAILS

- Investment : \$48 MIL
- Area : 16,000 m²

BRAND



Davco

PAREX
Building expertise, together