

FORTES Brings Eco-solutions To BEX ASIA 2015

WELCOME

Last year, FORTES Innovations (FORTES) returned to Build Eco Xpo (BEX) Asia 2015 to share and demonstrate ways to boost the energy performance of buildings and enhance the living environment.

The event was held over September 2-4, 2015 at Marina Bay Sands Expo & Convention Centre in Singapore.

We are delighted to share that our joint booth with our affiliates, Earth-In-Mind (EIM) and ALFEM Engineering (ALFEM), which showcased range of solutions from heat-reducing to sustainable acoustics products received an overwhelming response. We are grateful to those who came to our booth to show your support—thank you.

We hope you had an informative and enriching experience.

KEY HIGHLIGHTS

Here are the key highlights of the efficient and sustainable technologies we showcased at BEX Asia 2015: -

1 KRISTALBOND SOLAR COATING

As more and more buildings go for “office-with-a-view” design, this means that the part played by glazing will become increasingly crucial. Glazing serves as a major



APPLICATION OF THE KRISTALBOND SOLAR COATING



EXHIBITION FACTS AT A GLANCE

 **11,060**
VISITORS

Participated at BEX Asia 2015

 **194**
COMPANIES

& their 223 representatives came to our booth

→ FIND US AT BEX ASIA 2016

Our booth is going to be bigger, including a larger showcase of real-life applications of our products!

**BOOTH NUMBER
N10**

DATE 7-9 September 2016

VENUE Marina Bay Sands

component of heat penetration into buildings, which also result in increased cooling needs and correspondingly higher energy consumption. New buildings have greater ability to use glazing with better performance from the design onset. However, cost aside, it will be a tedious and operational nightmare for existing buildings to replace all their glazing and building facades to better performing types.

FORTES' quest for energy solutions for existing buildings ended up with Kristalbond Solar Coating.

Kristalbond solar coating is a liquid coating which upon application, adheres to the glass surfaces, forming a heat-insulating layer which is effective in reducing IR and UV rays by more than 90%. The major advantage of the solution is its ability to maintain a high level of visible light transmission despite its performance.

BEX booth visitors had first-hand experience trying out the difference between a clear glass panel and another similar piece with Kristalbond applied.

2 FORTESHIELD NOISE BARRIER

FORTEShield is a lightweight, corrosion-resistant, non-combustible panel which is largely made up of highly recyclable aluminium material.

Other than gaining insight into the performance of the noise barrier, booth visitors were able to experience from the demonstration kit on the performance of the noise barrier. The demonstration kit comprised of a high level noise source and a simplified version of the FORTEShield acoustic barrier. Visitors were amazed by the reduction of at least 10 dB in sound level across the acoustic barrier. The major advantage of the barrier

is that it need not be top-covered to be effective as it works on noise-cancellation rather than noise blocking.

This is especially good news to M&E consultants, engineers and contractors who have been torn between erecting a fully-covered noise barrier while still providing ventilation openings for their noise-emitting equipment.

3 AURALEX ACOUSTIC FOAM

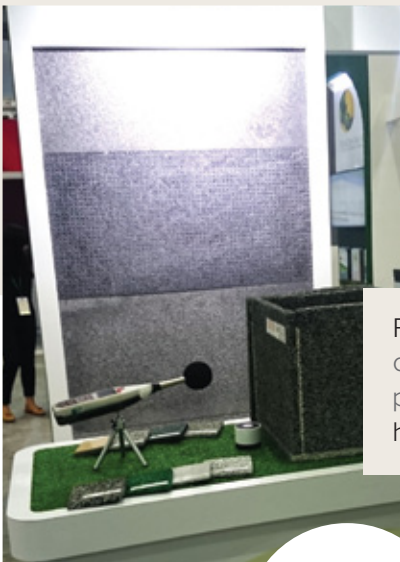
FORTES, as the distributor of Auralex Acoustics, is proud to showcase acoustic solutions of various designs which are effective, easy-to-install and most importantly, friendly on the pocket. Interior designers and creative home owners were especially drawn to the wide range of design which can integrate with new and existing home designs easily.



AURALEX
ACOUSTICS
SOLUTIONS

During the exhibition, FORTES also met up with various suppliers of innovative solutions which are new to the Singapore market. FORTES will research, try them out and keep all posted!

FORTES' affiliates also shared their expertise in validating the performance of the various solutions through the use of simulation, case studies and advisory consultancy.



DEMONSTRATION
OF THE
FORTESHIELD
NOISE BARRIER

