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# THE ISOLATOR

Welcome to the October edition of The Isolator, the monthly newsletter from Kinetics Middle East LLC. In this edition, as the race for the Expo 2020 heats up, we turn our focus onto one project which we have been associated for the past couple of years, incidentally a project build for Expo 2017 for Astana theme – ‘Abu Dhabi Plaza’ in Kazakhstan. We also look into an innovative new product called REOPOR which is a unique product that you can apply outdoors and indoors for sound absorption. We also discuss about the ‘Acoustic’ things to keep in mind in a classroom. Happy reading!

*Nithin George*

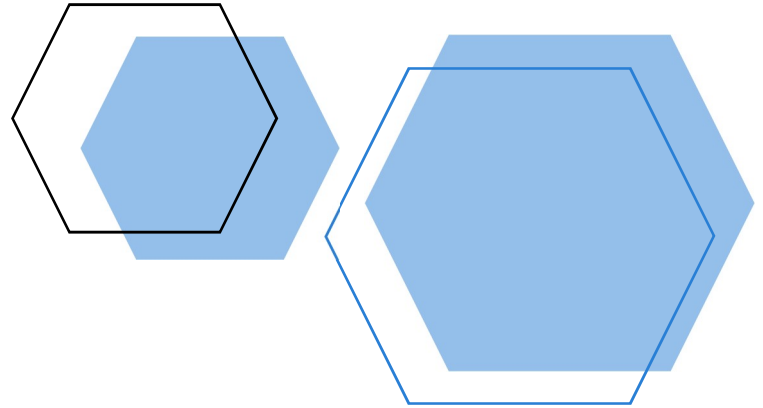
*Marketing & Business Development*

# ABU DHABI PLAZA, KAZAKHSTAN

## PROJECT UPDATE

Abu Dhabi Plaza is a major mixed-use development located in Astana, Kazakhstan, comprising of a retail podium, residential apartments, international grade office space, and leisure facilities. It is the largest Tower block in Central Asia. This iconic project is in the Astana theme for EXPO 2017 and is an example of Kazakhstan-United Arab Emirates investment partnership.

Kinetics Middle East was engaged by M/s. Arabtec-CCC JV who are the Main contractors for the project to carry out the design analysis of Pipe Stress analysis and Support design. We also supplied the Flexible Connectors for pipework and Acoustic Lagging for Drainage piping on this project.



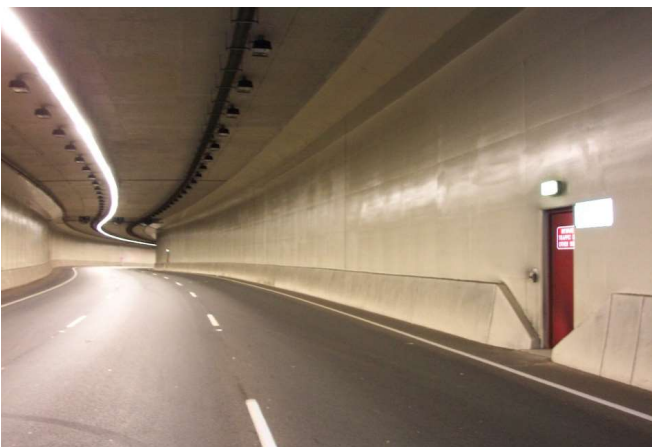
## REOPOR

### PRODUCT HIGHLIGHT

Reopor is a Recycled Glass Sound Absorption Panel that is manufactured from 100% recycled glass (LEED credits!). Reopor does not contain any binders or chemicals and is Fiber free. Reopor can be used both outdoors and indoors and the 2" thick material has an NRC rating of 0.95. Reopor is also Class A fire rated (flame spread 0 / smoke development 0).

Kinetics Middle East has tied up with M/s. Liaver, Germany to cater to the market demands in MENA region for Reopor.

Some of the main applications of Reopor includes outdoor noise control for MEP equipment's, Tunnel noise control, Road noise control etc.





# EDWIN DELA CRUZ

## EMPLOYEE SPOTLIGHT

This month we would like to recognize one of the pillars of our company, Mr. Edwin Dela Cruz. Edwin is a true team player within our organization, and last month he went beyond his regular duties and provided his hard work and support with order production by helping out the warehouse due to multiple people being out of station. We really appreciate your willingness, without any hesitation, to see the situation and support in our areas of need.

We look forward for Edwin's on-going contributions for the future success of Kinetics and would like to thank him for his valuable services.

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# INDEX 2019

## CURRENT EVENTS



INDEX is the Middle East's largest interior design show where architects, interior designers, and hoteliers make business with 1,200+ suppliers and brands to bring design visions to life. Sectors include lighting, furniture, furnishings, homeware, artisan, textiles, office equipment, surface materials, hospitality interiors and more.

Held between 15-17 September 2020 at the Dubai World Trade Centre, INDEX will be part of the 2nd edition of Middle East Design & Hospitality Week. Our marketing team actively participated in the event.



# ACOUSTIC DESIGN IN THE CLASSROOM

## TECHNICAL DISCUSSION

There has been a major shift in the way the acoustic design of classrooms is perceived, and awareness of the issue has increased dramatically. This shift has been spurred in large part by the adoption of voluntary standards developed by professional organizations, including the U.S. Green Building Council and the Collaborative for High Performance Schools. Several prestigious, scientific studies have also been published over the years that directly correlate better learning with superior acoustic design in classrooms.

Although including an acoustic design component in schools is voluntary in most of the U.S., a few forward-looking communities have begun to require it. The original Acoustical Performance Criteria Design Requirements and Guidelines for Schools was created in 2002 (ANSI S12.60-2002) but was updated in 2010. The current standard is ANSI S12.60-2010.

Today, new classroom technologies are changing the way we think about acoustic design, too. Voice amplification equipment, wireless networks, lecture-capture technologies and video tools are influencing the state of the art. Higher awareness, adopted standards, budgetary sophistication and building trends continue to change how the world thinks about acoustic design in classrooms and how architects can facilitate better learning through better acoustic design.

