

INSIDE THIS ISSUE

PG. 2

Mall of Oman

QuakeStrut (KSSB)

PG. 3

Manigandan T

Stephens Group acquires KNC

PG. 4

Noise Control for Rail industry



THE ISOLATOR

Welcome to the February edition of The Isolator, the monthly newsletter from Kinetics Middle East LLC. In this edition, we look at the new Mall of Oman, a joint development by OMRAN and MAF group, and the solutions we have offered for this project.

We look into the contributions one of our pillars, Mr. Manigandan T and see how he has turned things around in KME. We also look at the solutions we offer for the Railway industry keeping in mind the Etihad rail and other rail projects coming up in the Middle East. Happy Reading!

Nithin George

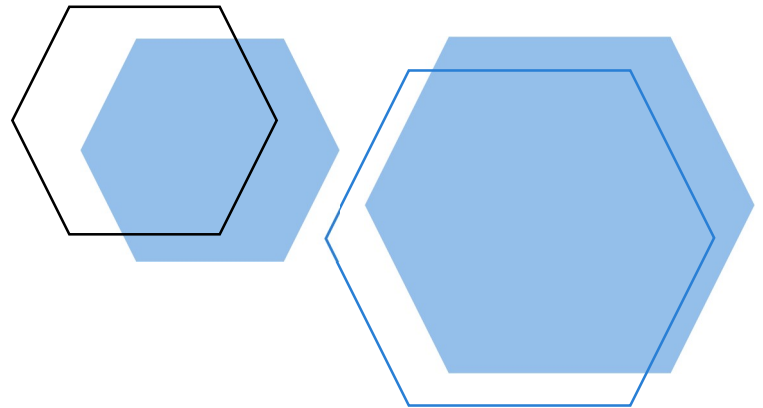
Marketing & Business Development

MALL OF OMAN

PROJECT UPDATE

The project involves the construction of a shopping and entertainment complex which will be constructed in two packages. The project will be built on a 157,000 sqm of land and will have 350 retail stores including a Carrefour hypermarket, Vox Cinema, Magic Planet family entertainment and the biggest indoor snow park in the country and a 292-room hotel.

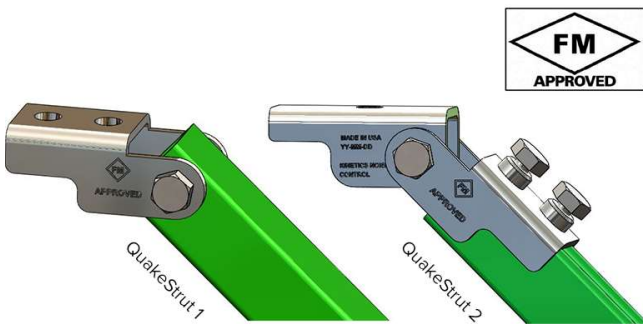
Kinetics Middle East was engaged by M/s. Bahwan Engineering Company & M/s. Oman Shapoorji Company, the MEP Contractor of the project to design and supply the Vibration isolators, Seismic restraints, Flexible connectors, Expansion Joints, etc. We are also working with the Main Contractor, M/s. CCC and M/s. Oman Shapoorji Company, for the Acoustics ceilings.



KINETICS QUAKESTRUT (KSSB) SEISMIC BRACING

FM APPROVED – CLASS 1950 SEISMIC RESTRAINTS

QuakeStrut is an attachment for rigid channel bracing when tight ceiling conditions do not allow for the use of cable restraint kits. QuakeStrut is available with or without attachment hardware. QuakeStrut-1 is used when you are through bolting to strut and offers an economical rigid bracing option. QuakeStrut-2 is the full assembly with all of the hardware to connect to strut. Both options are FM Approved Class 1950. Strut is by others for both assemblies.



QuakeStrut-1



QuakeStrut-2



MANIGANDAN T

We would like to recognize one of the most important pillars of Kinetics Middle East, Engr. Manigandan T. Mani, as he is popularly known, joined Kinetics 18 years ago has grown with the company and is now the company's Senior Regional Manager and one of the members of Management Committee. Mani handles the most important clients of Kinetics along with additional responsibilities for Saudi Arabia, Oman, and Qatar.

Mani who hails from India has post graduate in Quality Management and a Mechanical Engineer and has extensive technical knowledge and more than 20 years' experience in the field of Vibration & Seismic control.

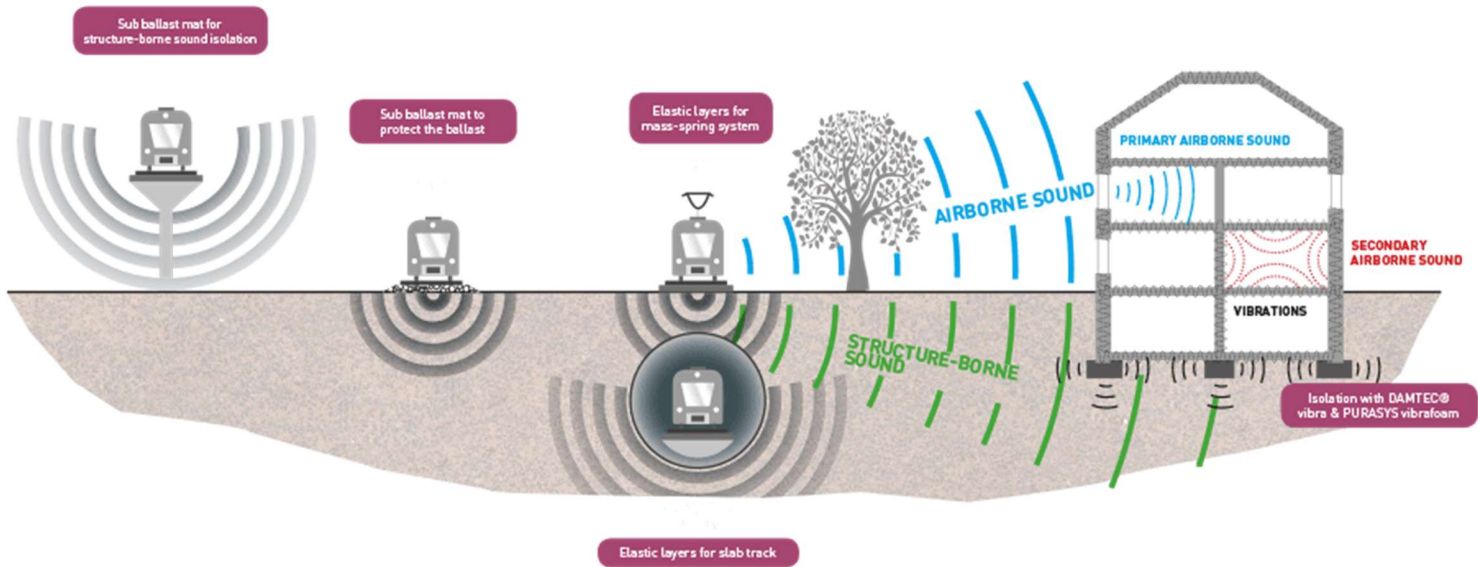
During his free time, he enjoys Photography and also travels extensively whenever possible for his passion. Mani is honored for his hard work and continuous dedication that propels our advancement.

KINETICS NOISE CONTROL ACQUIRED BY THE STEPHENS GROUP

Kinetics Noise Control, Inc announced today that it was acquired by The Stephens Group, LLC ("The Stephens Group"). In conjunction with the transaction, The Stephens Group formed a new company, Catalyst Acoustics Group ("Catalyst Acoustics"), which will serve as a platform for an elite group of acoustic, seismic, vibration and noise control companies that together offer the broadest portfolio of noise control solutions in the market. Catalyst Acoustics will house The Stephens Group's growing family of noise control solutions providers, which in addition to Kinetics includes IAC Acoustics, Sound Seal, Noise Barriers and Lamvin. Terms of the transaction were not disclosed.

"We are thrilled to add Kinetics to our family of companies," said Clay Hunter, Managing Director at The Stephens Group. "Kinetics is a clear leader in this industry, has a great team, outstanding products and an excellent sales rep network. We are particularly pleased that Kirk will continue in his role as President and CEO of Kinetics, and that the entire Kinetics team is onboard and will remain in their respective roles." Hunter further noted, "We're also excited to announce the formation of Catalyst Acoustics, which will serve as our platform for this industry, and in addition to Kinetics, will include our existing noise control solutions businesses. The long-term forces driving adoption of noise control solutions are accelerating in almost every industry, and Catalyst Acoustics Group and its family of businesses will be the premier provider for those applications that require the highest quality, finest looking and best engineered solutions."

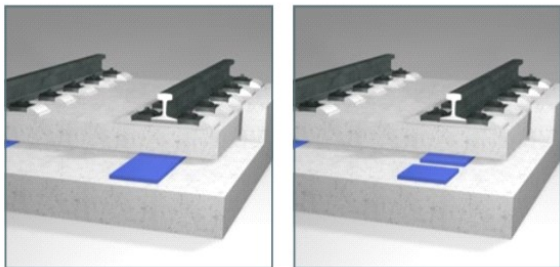
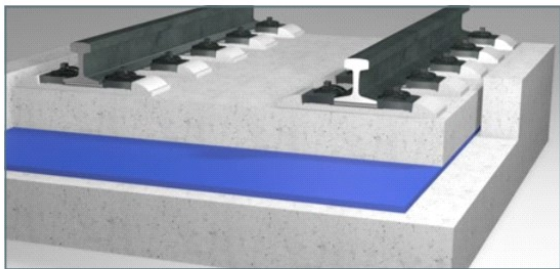
Read more: <https://kineticsnoise.com/news/catalyst-acoustics.html>



NOISE CONTROL FOR RAIL INDUSTRY

Railway vehicles generate rolling noises and vibrations during operation. This is due to roughness and imbalances on both the wheels and the rail running surfaces. Surface defects such as head checks, corrugations and slip waves on the rails are known to be among the most common sources of interference.

These vibrations are transmitted to the ground via the roadway and spread as structure-borne noise. If buildings are located along or near the track, a transfer is also carried out via their foundations. The buildings begin to vibrate and, with the appropriate intensity, they are also perceived by humans as perceptible vibration or disturbing noise. Another consequence of this transmission chain is the emission of vibrations from building parts, e. g. ceilings and walls, to the environment. This takes place via the air, which begins to vibrate itself and then become audible as so called secondary airborne sound.



PURASYS MSS products are decoupling and protective mats under rail systems tested according to DIN 45673-7 (Mechanical vibration - Elastic elements of the superstructure of railway tracks). They reduce structure-borne and secondary airborne noise and vibration emissions when used in slab track (massspring system).

Read more: <https://www.kraiburg-relastec.com/damtec/en/vibration-isolation-rail/under-ballast-mat/>