

The Isolator

Kinetics Middle East – Newsletter Issue 10



Allied Partners

QUIETSTONE - UK

Quietstone is an UK based innovative manufacturer of Acoustic tiles and panels which are robust weather proof and with outstanding sound insulating and sound absorbing properties.

Quietstone panels are suitable for interior and exterior uses especially where an element of impact resistance is required. The panels have the highest possible fire rating of non-combustible and will withstand all weather conditions. Kinetics Middle East are the exclusive Middle East distributors for Quietstone products.

<https://www.quietstone.co.uk/>

Employee Spotlight

Sheraz Sahibzada - Procurement and Logistics Specialist

This month we would like to recognize one of most valued employee, Sheraz Sahibzada. Sheraz is an expert in the field of Procurement, Logistics and Sub-Contracts and has successfully executed large scale orders in a timely and professional manner. Prior to joining Kinetics in August 2006, he worked with Korean conglomerate Hyundai Engg. & Const. Sheraz embodies what it means to be a leader, a team player and a role model of Kinetics' core values. During his time off, Sheraz enjoys sports and is enthusiast in travelling.

Current Events

Utah Safety Conference & Expo

Kinetics Noise Control, our principals, actively participated in the 2019 Utah Safety Conference & Expo at the Mountain America Expo Center in February 19-21, 2019.

The safety conference featured breakout sessions on a variety of topics, keynote speakers, networking luncheons, and an expo highlighting the latest in safety products and services. Kinetics was present in Booth 210 for the Expo.

Technical Discussion: Comparison between Acoustic Lagging & Low Noise Pipes for Drainage piping

Plumbing system noise is a common irritant to building owners and tenants. To minimize the amount of noise and vibration transferred to the building, it is wise to break the contact between the piping and the building's components. When attempting to block airborne noise, dense materials like Acoustic Lagging works best. Use only materials and methods with tested and proven results. Unfortunately, in some cases, makeshift methods are employed such as normal thermal insulation (rockwool, fiberglass, foam) without a noise barrier are used.

We compete globally against the Low Noise pipes in the construction industry and have been successful in putting forth our point of advantages of Lagging plain HDPE / PVC pipe over Low Noise pipes. Attached on the right-hand side is an excerpt from a Low Noise Pipe manufacturers recommendation to install these pipes, it says that the pipes need to be encased with adequate block work or Plaster boards with insulation. This means, additional work for the Contractor due to higher labor cost.

Source:

<https://www.wavin.com/en-gb/Downloads?systems=S029>

2.9 Roof drainage pipes

Roof drainage pipes projected through living, sleeping and working rooms can be installed as pictured in figure 21. The specific area weight of the casing should be at least equal to the wall and preferably for both at least 220 kg/m². Although the formation of condensation on the outside of Wavin AS pipes is less than on metallic pipes, it is recommended to insulate the pipes and fittings.

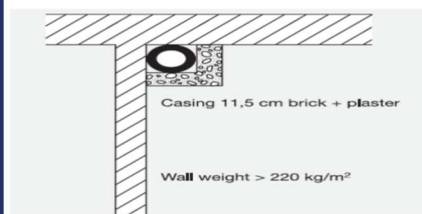


Figure 21 Internal roof drainage pipes

PROJECT HIGHLIGHTS - LULU AVENUES MALL, SHARJAH

The project involves the construction of a shopping mall, spread over an area of 43,000 sq.m. It will include a 10,300 sq.m. hypermarket and a 5,700 sq.m. department store. The project will boast a selection of casual dining restaurants that will, in addition to the food court outlets, constitute a food-street concept to become the preferred leisure destination. It will also feature a 4,000 sq.m. cinema, and a 3,600 sq.m. family entertainment Centre, as well as 2100 parking spaces.

Kinetics current scope of work for this project includes supply of:

1. Floating Floors
2. Vibration Isolators
3. Flexible Pipe Connectors
4. Expansion Joints for Piping



TEDDINGTON ENGINEERED SOLUTIONS, UK VISIT



Our allied partners, Ms. Teddington Engineered Solutions, UK, manufacturer of Expansion Joints & Bellows was in Dubai to meet a few important Clients & Consultants. Teddington was represented by their Commercial Manager, Mr. Jason Thomas. Some of the important meetings done were with:

- Empower Energy Solutions
- Black & White Engineering
- Conin Consultants

Left: Jason in conversation with Mr. Ramadan Hussein - VP, MEP of CONIN Consultants

PRODUCT HIGHLIGHT OF THE MONTH

Kinetics KINFLEX Flexible Duct Connectors

Kinetics **KINFLEX** Duct flexible ductwork connections allow movement while preventing additional stresses on equipment and duct systems. KINFLEX Duct features fully welded match drilled carbon steel flanges equipped with backing bars fastened in place with zinc plated, flow liner (if supplied), and EPDM flex membrane material. Acoustically rated design is available with an absorptive acoustic fill and EPDM outer barrier. Kinetics KINFLEX Flexible Duct connectors are manufactured in USA.

EPDM – UV Resistant

1/8" thick layered EPDM flex membrane with internal nylon scrim for superior tear strength. Resistant to ozone and UV exposure and cold cracking makes it ideal for outdoor use.

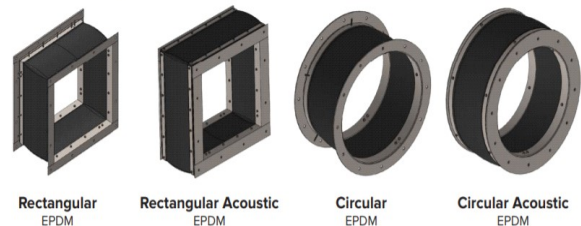
Application

- Fan Inlets & Outlets
- Pressure Blower Inlets & Outlets
- Baghouse Inlets & Outlets
- Scrubber Inlets & Outlets
- Dryer Outlets
- Stack Inlets
- Gas Turbine Intake Systems
- Ventilation and Process Ductwork

<https://kineticsnoise.com/downloads/data-sheets/kinflex-duct.pdf>

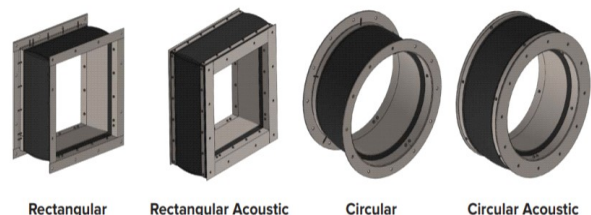
NO FLOW LINER

Good for airstream flows up to 6,000 FPM and pressure from -30" WG to +120" WG.



FLOW LINER

Same construction with an aerodynamic protective metal flow liner. Good for airstream flows over 6,000 FPM and pressure from -120" WG to +120" WG.



To contribute on the Newsletter's Technical Discussion section or unsubscribe from the Newsletter, email the editor at nithin@kineticsmiddleeast.ae