

THE ISOLATOR

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THE ISOLATOR

As we embark on the journey through June, we hope that this newsletter finds you thriving and infused with the spirit of progress and optimism.

Greetings and welcome to the June 2024 edition of 'The Isolator,' proudly presented by the Kinetics Group of Companies.

This month, we're delighted to unveil the latest strides and breakthroughs made by Kinetics in the UAE. From cutting-edge technologies to captivating projects, we're continuously pushing the boundaries of what's achievable.

Furthermore, this edition sheds light on the role of Air Curtains in maintaining and improving Indoor Air Quality (IAQ), while also delving into the significance of Kinetics Woolf Wood Panels as a clean-air rated sound absorptive tool.

Join us as we explore the forefront of innovation and sustainability!

MR. C RESIDENCES – JUMERIAH, DUBAI



Source: <https://air.bncnetwork.net>

The project involves the construction of a commercial and residential building comprising a, 2 basement levels, a ground floor a mezzanine level, a parking level, 5 additional floors, and a roof located at Jumeirah 2. The project will comprise 27 residential units and will include private elevators on each floor and private plunge pools and penthouses with private rooftop gardens.

Kinetics group has collaborated with Main Contractor and MEP Contractor Dubai Dawn Contracting, and Alta MEP, to supply essential components such as Acoustic treatment, Vibration isolators and seismic control for MEP equipment's.

ALTA MEP Contracting is a general MEP contractor offering construction services mainly design, supply, installation, testing & commissioning of Plumbing-Drainage, HVAC, Firefighting, Gas System, Electrical, Low Current System (Fire Alarm & Central Battery), they have handled various industrial buildings, shopping malls, recreational, healthcare's, hospitals, high rise residential and commercial projects in United Arab Emirates.

Dubai Dawn Contracting is a self-owned Property management services, which is a developer of high-rise buildings for commercials/ residential purposes, villas, school, warehouses, in Dubai- United Arab of Emirates. DRE is one of the most stable and largest fully integrated Real Estate developers.

KUWAIT CANCER CENTER, AL SABAH, KUWAIT



The project involves the construction of a hospital building comprising 2 basement levels, a ground floor and 11 additional floors offering 600 beds. The project will also cover 200,000 square meters with program elements like radiology, nuclear medicine, chemotherapy units, surgical units, intensive care units, physical therapy facilities, an auditorium and a car park building.

With the collaboration between the Kinetics group and our Kuwait distributor, M/s. Arabi company, Kinetics played pivotal role in design and supply of Pipe anchors, guides and expansion joints of the project.

M/s. Arabi company is Kinetics Distributor in Kuwait providing different equipment and solutions such as Pipping, Air Conditioning, Swimming Pool, Aluminium Works, Irrigation & Misting Water Equipment

TECHNICAL DISCUSSION: APPLICATION OF AIR CURTAINS



Air curtains, also known as air doors, are devices used to create an invisible barrier of air over a doorway. This barrier helps control the internal environment of a building by separating two different temperature zones. Here are some key applications of air curtains:

1. Temperature Control

Energy Efficiency: Air curtains help maintain the desired indoor temperature by minimizing the loss of heated or cooled air when doors are open. This can lead to significant energy savings, as HVAC systems do not have to work as hard to maintain the set temperature.

Comfort: By preventing drafts, air curtains enhance the comfort of occupants in areas near entrances and exits.

2. Environmental Separation

Insect and Dust Control: Air curtains are effective at keeping insects, dust, and pollutants out of buildings. This is particularly important for food processing facilities, restaurants, and clean rooms where hygiene is critical.

Odour Control: They can also prevent odours from spreading between areas, such as in restaurants or waste disposal areas.

3. Safety and Health

Barrier-Free Accessibility: Air curtains provide a barrier-free solution that does not impede movement, which is essential for accessibility, especially in places with high foot traffic or where doors need to remain open for extended periods.

Sanitation: In healthcare settings, air curtains can help reduce the spread of airborne contaminants, contributing to a healthier environment.

4. Retail and Commercial Applications

Customer Experience: In retail stores, air curtains can improve customer experience by creating a welcoming entrance that is free from drafts while keeping the indoor climate comfortable.

Energy Savings: Retailers often see significant energy savings and increased customer comfort, especially in stores with frequently opening doors.

5. Hospitality and Public Buildings

Entrances to Hotels and Theatres: Air curtains help maintain a comfortable indoor environment and improve energy efficiency in buildings with high visitor traffic, such as hotels, theatres, and museums.

6. Restroom Odor Control: In public restrooms, air curtains can prevent odours from escaping into adjacent areas .

Kinetics Group has collaborated with BERNER, USA for sales of Air Curtains in UAE. Please contact our sales department for your upcoming project enquiries for Air Curtains! Source: <https://www.acmeaircurtain.com/industries/>

PRODUCT HIGHLIGHT: Kinetics WOOLF Cementitious Wood Wool

Woolf is a sustainable and eco-friendly material that is fire-resistant and moisture-resistant. The panels are available in a variety of colours, finishes, and shapes so they can be customized to match any décor.

The result is a clean-air rated sound absorptive tool that can be mounted to walls and ceilings, used as a ceiling tile, or suspended as a cloud or baffle.

<https://kineticsnoise.com/woolf>



“ What our Customers
ARE SAYING ,”

“I was impressed by both the product's quality and the seamless service provided by Kinetics”

**-Engineer Khaled Al Karmi
(AL Andalus Power Electro
Mechanical Works LLC)**

“I was impressed by the correspondence and overall service delivered by Kinetics”

**-Engineer Nour
(MADA International
Electromechanical Contractors
L.L.C)**

“ I was impressed by the commitment and attention to detail from Kinetics' staff.”

**Raja Manickham
(Al Ittihad Electromechanical Co LLC)**

“Kinetics excels in providing exceptional in regards to submittal and enquiries correspondence.”

**Naomi Maralli
(Green line Electromechanical LLC)**

