

# EASYFLEX

KANWAL INDUSTRIAL CORPORATION



**A Family owned  
Business started in the  
year 1973 by our  
founder Mr. Kanwal  
Jeet Singh.**

**Today, Easyflex is India's  
leading manufacturer of  
Expansion Joints, Vibration &  
Seismic Isolators and  
Restraints, Modular Pipe  
Support Systems and Design  
Engineering for Shock  
Isolation, Piping technology  
and Seismic applications.**

**Our vision is to serve major  
clients across the globe with a  
focus on mission critical  
applications by extending our  
knowledge and expertise in  
the field of made to build  
Design Engineering.**



# Easyflex

TM

FLEXIBLE CONNECTIONS

VIBRATION, SEISMIC & ACOUSTIC ISOLATION

MODULAR PIPING SUPPORT SYSTEMS

DESIGN ENGINEERING



We are committed to business process improvements in the engineering sector with a focus on automating Selection and Design technology.

Our global strategic partnerships, enable us to create and deliver world class products for our customers.

ARCH TYPE

FLOATING FLANGE

BUS DUCT BELLOWS

BLOWER COMPENSATORS

SLEEVE JOINTS

BOOT BELLOWS

Fluid Sealing®  
ASSOCIATION **FSA**

- Pressure : PN 10 | PN 16 | PN 20
- Sizes : 25mm to 3000mm ID
- Temperature : 20°C 100°C



Easyflex Rubber Expansion Joints PN20 with Swivel Flanges and Control Unit Assembly for Fire Fighting system.

EPDM, Neoprene, Natural Rubber, Hypalon, and other elastomers.



Easyflex Single Arch Rubber Bellows with CHW Pumps for HVAC System.

## METALLIC EXPANSION JOINTS



**Easyflex Metallic Expansion joints fitted with CHW Pump ; installed on Easyflex Inertia Base with Seismic Mounts.**

Expansion Joints are designed to withstand Pressure of the System with enough Flexibility to compensate for movements required by the piping.

With EJMA Complaint design softwares, we provide in depth analysis for critical projects.

### Bellows for Different Applications

- Steam / Water
- Oil & Gas
- Exhaust Systems
- Ash Handling
- FGD Plants

Our documentation, inspection and testing processes are optimised to deliver high quality expansion joints.



## SS BRAIDED HOSE CONNECTORS

Corrugated Metallic Hoses and SS Braiding  
for Water, steam and gas applications.



With EPDM Lining and Brass End Fittings, these  
are the perfect solution for AHU/FCU's.



# FLEXIBLE CONNECTIONS

## FABRIC CANVAS DUCT CONNECTORS



- Fire Rated & Retardant
- Material in Rox, Neoprene, Silicone and Insulated Fibre Glass
- Temperature ranges upto 400°C
- Custom designed to Round, Rectangular and Square connectors
- Also built for Double Duct applications



# VIBRATION ISOLATION

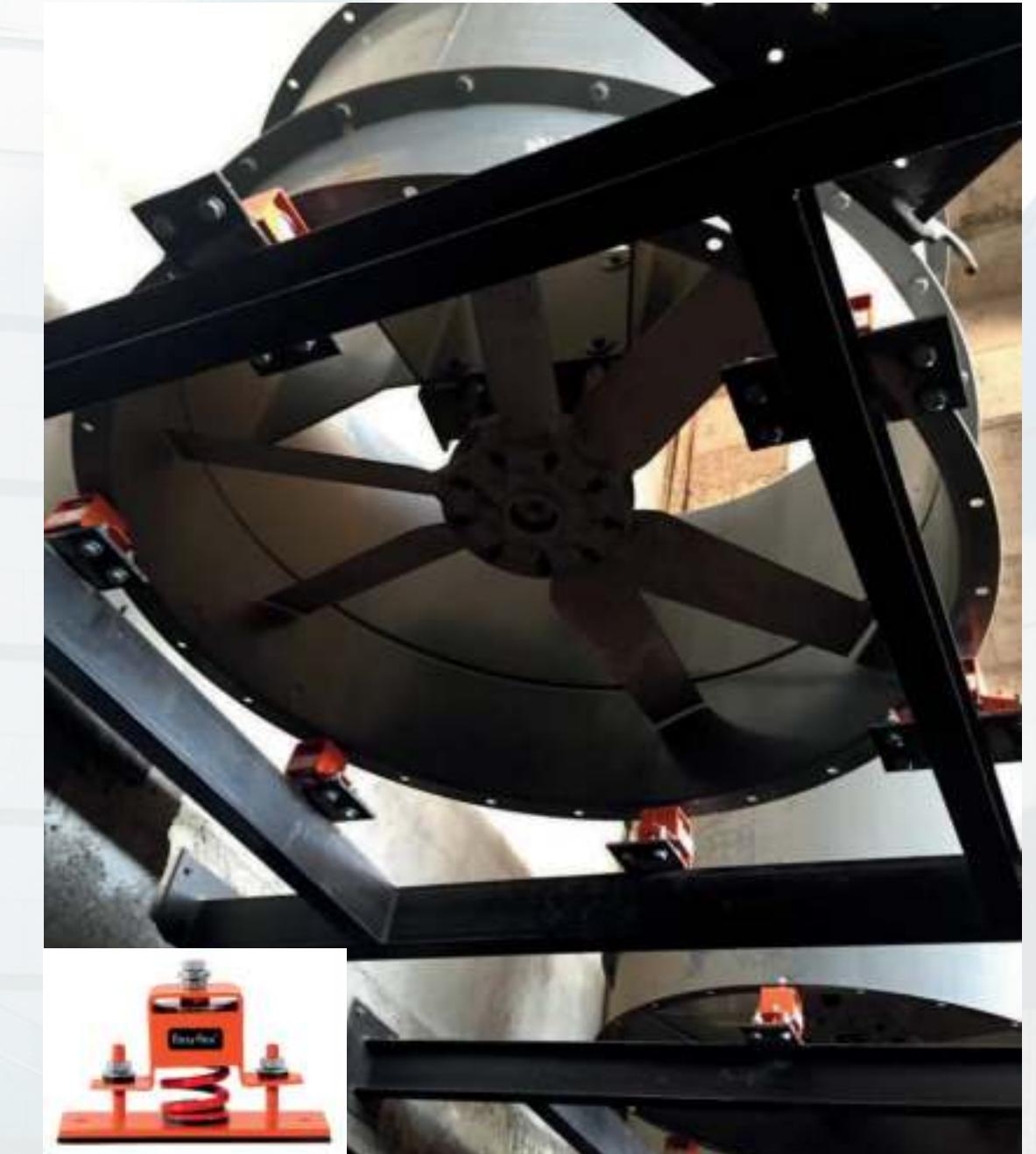
## RUBBER & SPRING BASED

The Easyflex Vibration isolation range is suited for both Ceiling suspended and Floor mounted equipment.



**Open Spring Mounts**  
installed here with Axial  
Fans for an Airport project.

We assist in selection of  
isolators factoring in various  
installation parameters.



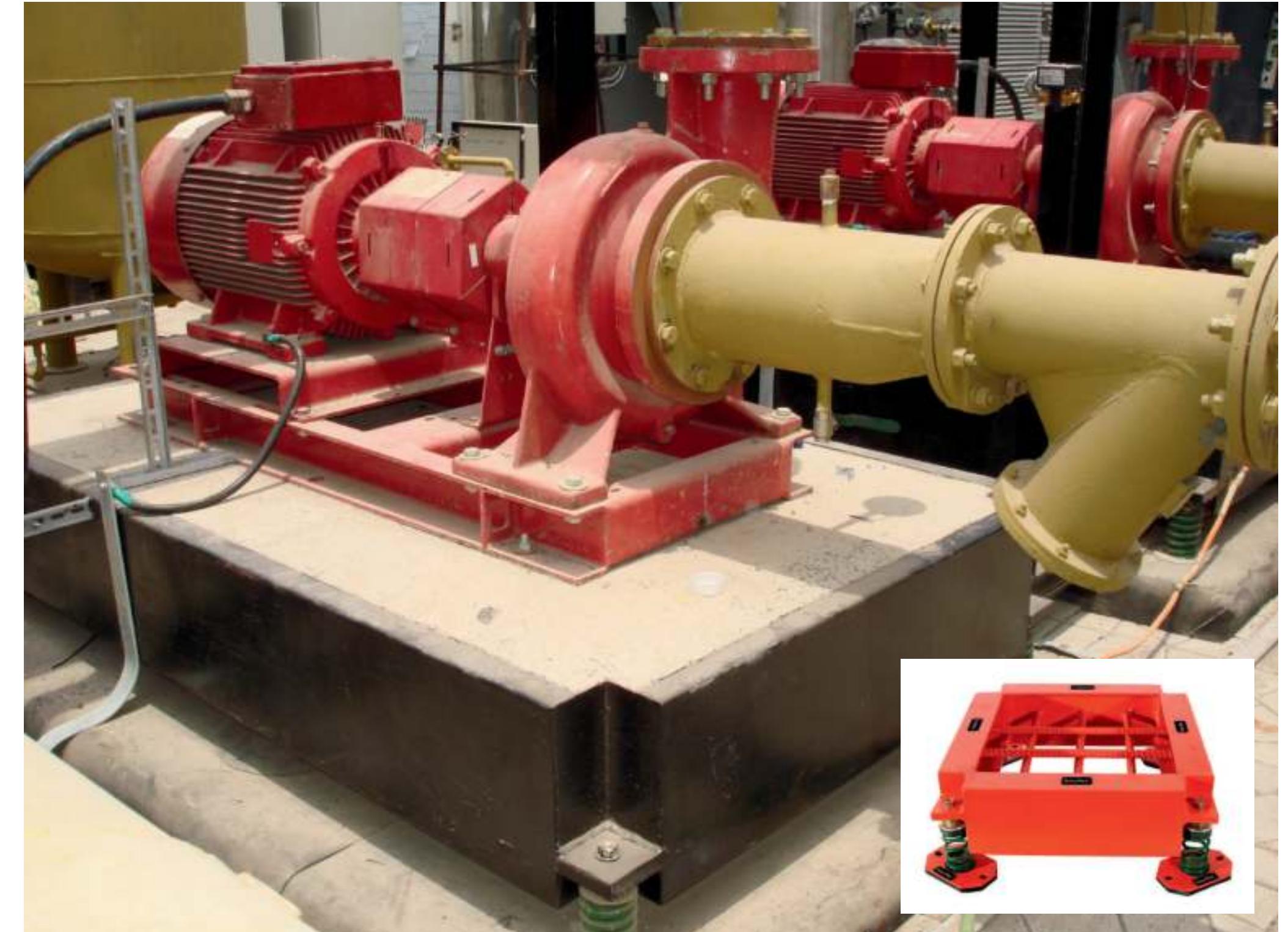
**Restrained Spring Mounts**  
installed with Ventilation Fans.

# VIBRATION ISOLATION INERTIA BASE FRAMES

Poured with **Concrete** and supported by **Noise & Vibration Isolators**, Inertia Base Frames are floating foundations for **Pumps** and are totally isolated from the structure due to Air Gap.

Easyflex Inertia Base Design Report contains Technical Parameters like :

- **Estimated Base Design Dimensions & Weights (including concrete)**
- **Estimated Deflections**
- **Vibration Isolation Efficiency Calculation**



EasyFoot by Easyflex has been designed to carry large **Air Handling Units, Chiller Systems, VRV & VRF ODU's** and other heavy plant loads especially for Roof top applications.

## Rooftop Supports for Equipment

- Modular System
- Easy & Quick Installation
- Drilling or penetration of Waterproof Roof membrane is not required.
- Made from Recycled Rubber and adds to Carbon Credits for Green Buildings.



# FLAT ROOF SUPPORTS

## RUBBER FEET & H-FRAME



Recycled Rubber Feet with aluminium profile for installation

Ideal for Split AC outdoor units, Solar Panels, Heat Pumps and modular solutions.



The H-Frame kit is the simplest solution for all cable management, ducting and pipework. Anti vibration pads are attached to the feet.



# VIBRATION ISOLATION

## ANTI VIBRATION MOUNTS & PADS

Rubber & Rubber to Metal Bonded



Waffle Pads



Metal Sandwich Pads



Easy Mounts



Grommet Mounts



Round Mounts



Turret Mounts

The term “**Seismic**” refers to the forces related to the motions of an earthquake.

These forces interact with a structure in a random fashion - predominantly horizontal, often with directional emphasis & sometimes with a considerable vertical component.

Seismic isolation helps protect equipment by not amplifying the seismic input.

Seismic restraint is designed to keep equipment attached to a building structure so that it does not become a projectile.

## ISOLATORS & RESTRAINTS

## U & V CONNECTORS

## WIRE BRACING SYSTEMS



- In-House Analysis and Calculations to facilitate Seismic Design for Non-Structural Elements.
- Isolation and Restraints for Chillers, Axial Fans, Pumps, Air Handling Units and more.
- Seismically designed Flexible Connectors and Steelwork Connections for Piping and Ducting.



## SEISMIC SNUBBERS

Building Codes in many areas require components to be capable of resisting forces created during a Seismic Event. Resilient Snubbers used while installation can limit the motion experienced by the equipment and ensure it remains in place.

**Easyflex Seismic Snubber series is suitable for 250 Kg to 11500 Kg Point Load.**



## U & V CONNECTORS

With the loops extreme flexibility and low force to move, the loop absorbs the seismic energy during an Earthquake.



This phenomena imposes minimal loads on the adjacent pipe hangers, supports or nozzle loads on major equipment.

- Superior suspension systems for HVAC, Electrical, Signage and Seismic requirements.
- Designed for Speed and Ease of use.
- Galvanised High Tensile wire for different Safe Working Loads.
- Designed for Quality & Safety.

Applications

Equipments

Piping

Ducting

Cable Trays

Signages



DLF Regal Garden



Amazon Jamalpur Warehouse



M3M Merlin

The range consists of a range of Wire reels and clips with a choice of Safe Working Loads

**10 Kg - 500 Kg SWL**

Technical Information

Key free release system

Easy to use

Suspension can be inverted

High Tensile Galvanised wire

BSEN 12385 Standard

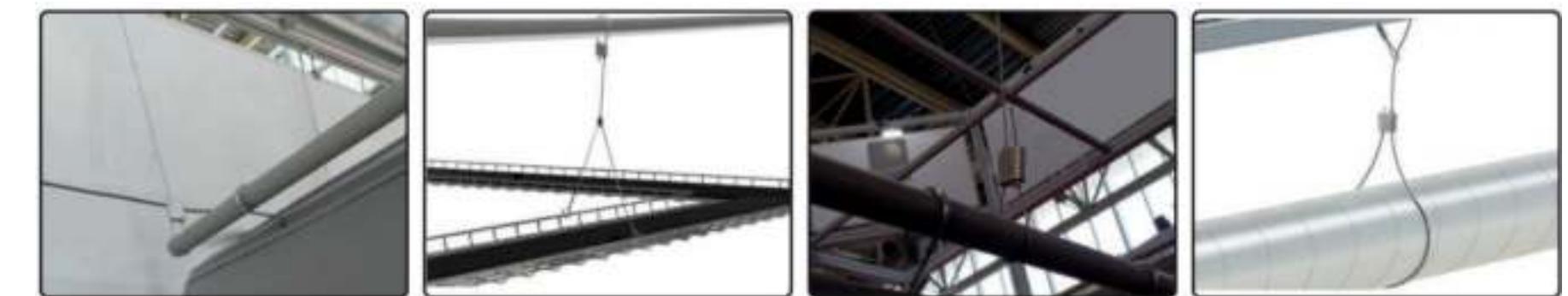


Suitable for Wrap around applications with

Beams

Purlins

Roof Trusses



For over 90 years Lindapter has earned a respected reputation as the pioneer in the design and manufacture of steelwork clamping systems.

Lindapter's unique connections can be installed with standard hand tools and allow faster construction, reduced labour costs, on-site adjustability and no damage to steel sections, fire coating or paintwork.

### Girder Clamps



The Girder Clamp represents a range of Lindapter products that are compatible with any shape or size of steel section.

- [Beam to Beam](#)
- [Beam to Column](#)
- [Inclined Beam to Beam](#)

### Hollo-Bolt



Lindapter's expansion bolts require access to only one side of the Structural Hollow Section (SHS), and are a faster alternative to welding or through-bolting, reducing construction time and labour costs for contractors.

### Applications

Facades & Cladding

Oil & Gas

Nuclear Industry

Rail

Sustainable Construction

Offshore & Subsea

Energy Infrastructure

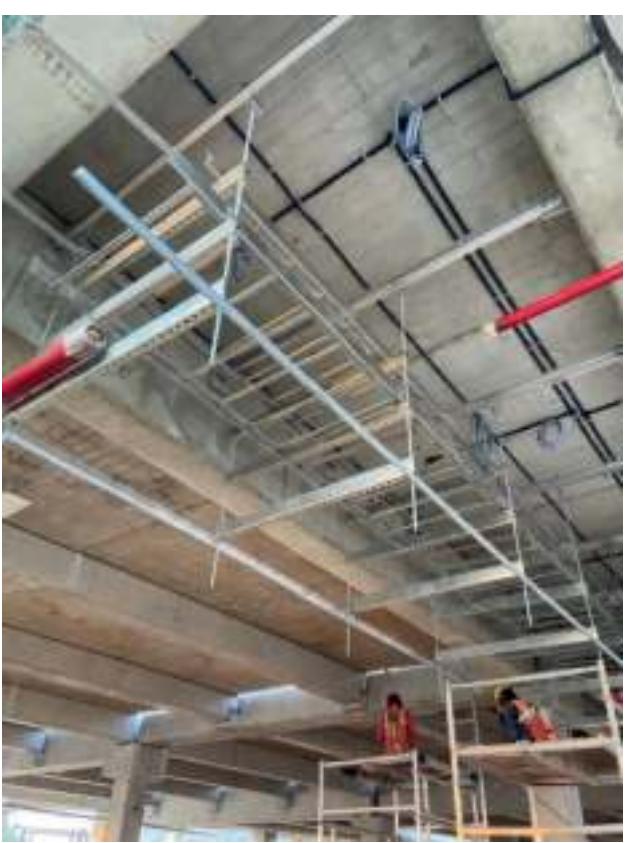
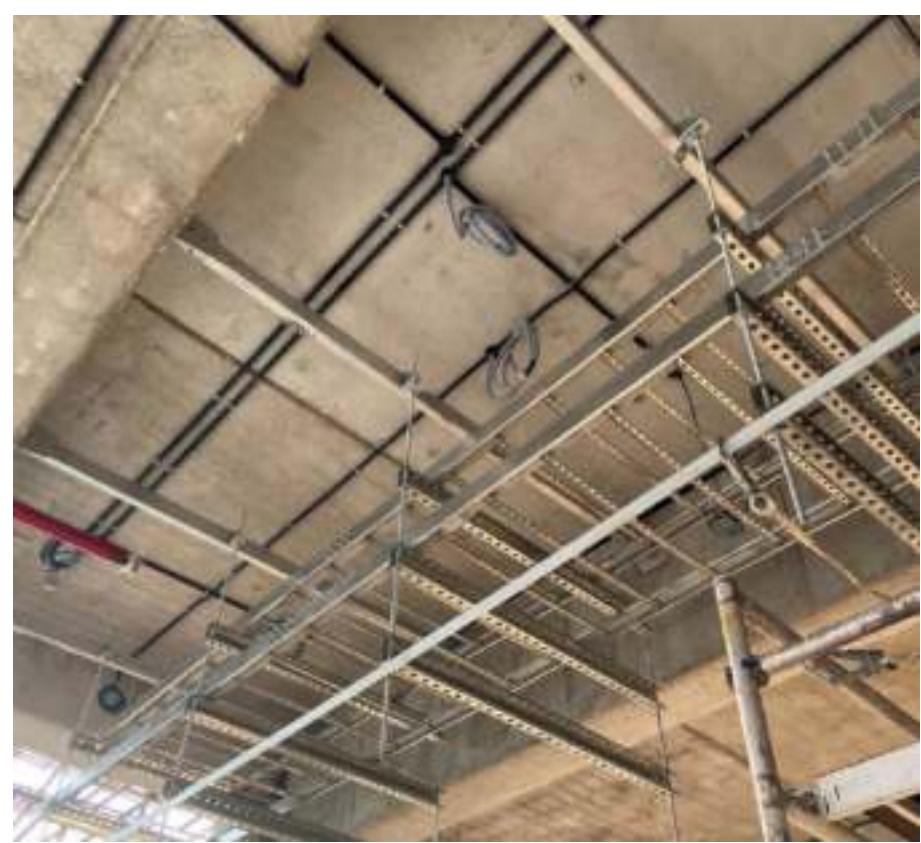
Stadiums

Dynamic Load

Arts & Entertainment

Easyflex helps with Modular solutions right from designing at the Tender stage to execution at site.

Major Projects executed include Factories, Warehouses and Data Centers.



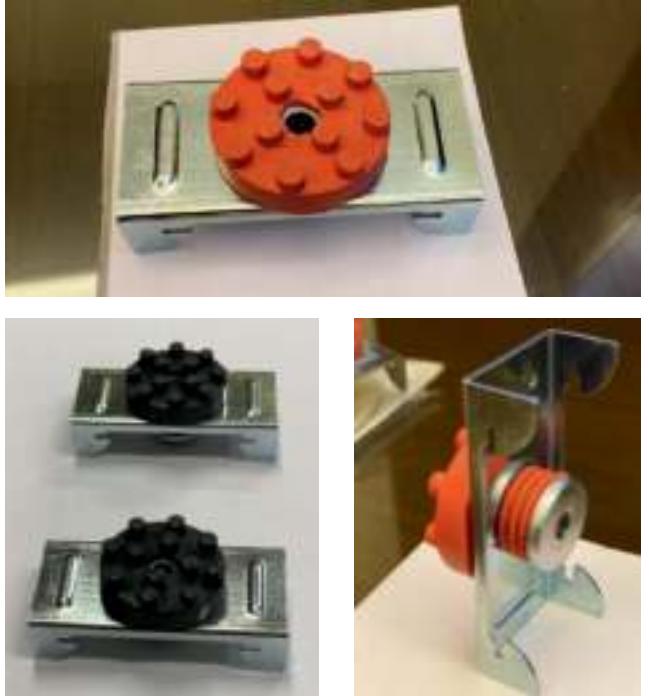
# ACOUSTIC ISOLATION

## FLOATING FLOORS

Architectural or acoustic isolation helps to absorb and isolate sources of noise and vibration and eliminate the transfer of sound energy from one environment to another.

The Easyflex Acoustic Range is designed for

**Walls   Floors   Ceilings   False Ceilings**



To achieve Sound Isolation, Floating Floors are the most effective way of reducing sound transmission and vibration from the floor above.



EJMA DESIGN REPORTS

VERTICAL RISER PIPE ANALYSIS

THERMAL STRESS ANALYSIS

CUSTOMISED SPRING DESIGN

SHOCK ISOLATION DESIGN

SEISMIC DESIGNING

VIBRATION TROUBLESHOOTING  
& RETROFITTING

VIBRATION ISOLATION  
EFFICIENCY REPORTS

We have a long history of solving a broad range of vibration problems involving structures, components, mechanical machinery, and process equipment.

Our unique experience includes applications in offshore energy, refining, specialty chemical processing, high speed manufacturing equipment, consumer devices and HVAC products and more.

# Easyflex

TM

AIRPORTS | METROS | BUILDINGS

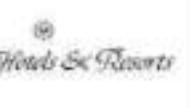
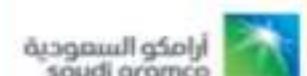
## LANDMARK PROJECTS

BAHRAIN
DALKIA DISTRICT COOLING
ACRAPITA
ISA SPORTS CITY
BAHRAIN CITY CENTER
BAHRAIN BAY PROJECT
DURRAT AL BAHRAIN
PLATINUM TOWER
OMAN
THE WAVE
BAIT AL REEM
BLUE CITY - PHASE 1
KOM-4

UNITED ARAB EMIRATES
HATTA SCHOOLS 1&2
XL TOWER
CAREFOUR, MUSAFFA
LIBERTY HOUSE
CENTRAL MARKET
FUJAIRAH BUSINESS CENTER
SAUDI ARABIA
DHAHRAN SWT PLANT
SRI LANKA
ITC ONE COLOMBO
ISRAEL
ELTA ISRAEL

DIAL	NEW DELHI
BIAL	BANGALORE
MIAL	MUMBAI
CIAL	CHENNAI
DMRC	NEW DELHI
PUNE AIRPORT	PUNE
TCS	NAGPUR
KOLWEZI AIRPORT	REPUBLIC OF CONGO
BOSCH	BANGALORE
IICC DWARKA	NEW DELHI
VODAFONE	MUMBAI
CTS	KOCHI
RIYADH METRO	KINGDOM OF SAUDI ARABIA
MALE INTERNATIONAL AIRPORT	MALDIVES
SHELL	BANGALORE
BRIGADE TECHNIPOLIS	KOCHI
MRO BOEING	NAGPUR
GIFT CITY	AHMEDABAD
AMAZON	MAHAPE
M3M	GURUGRAM

# PARTIAL CLIENT LIST

ENGINEERING YOUR VISION WITH OUR EXPERTISE

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VIBRATION, SEISMIC & ACOUSTIC ISOLATION

MODULAR PIPING SUPPORT SYSTEMS

DESIGN ENGINEERING

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**EASYFLEX**  
GLOBAL VENTURES

