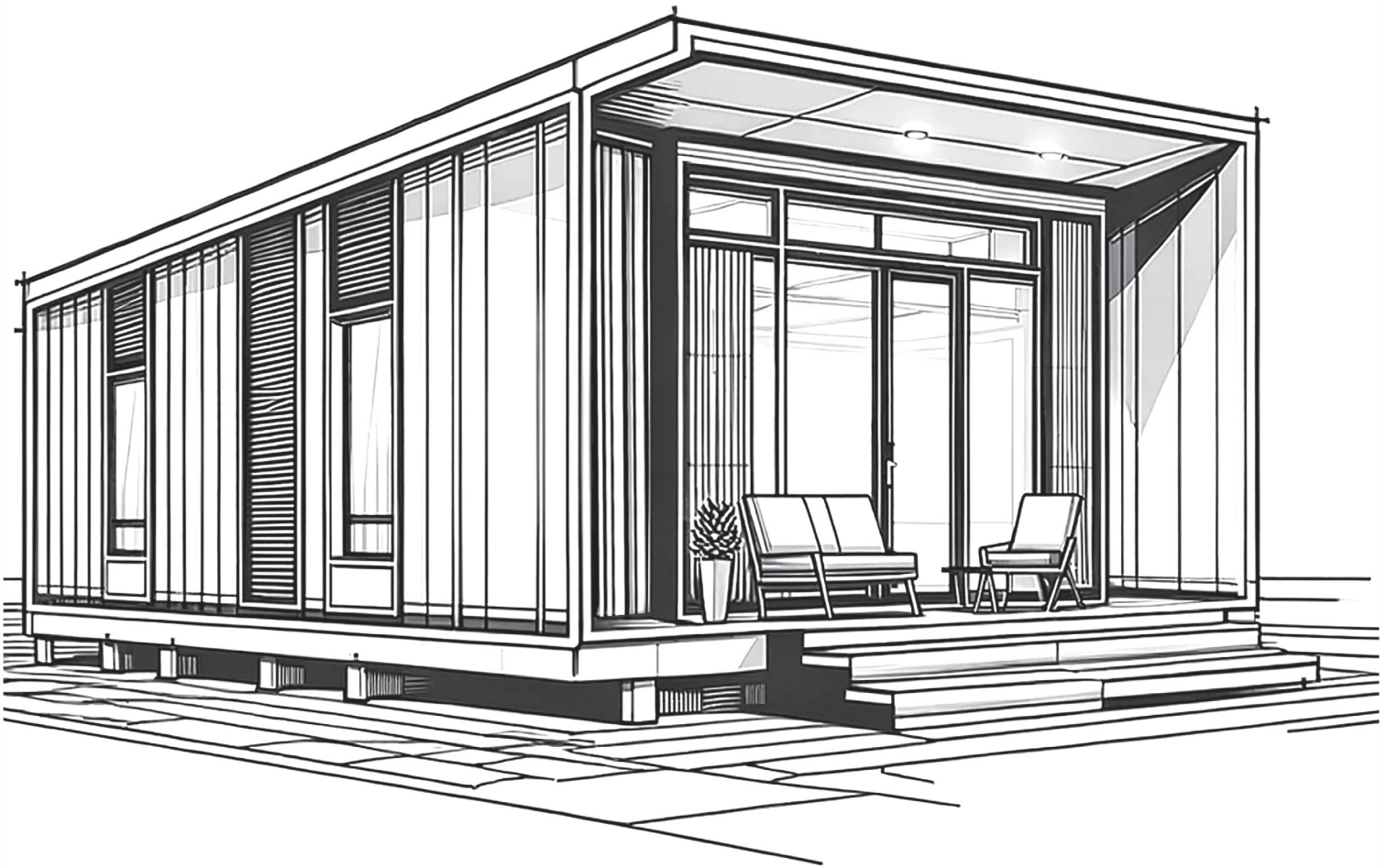




EI-MODULAR

Delivering Excellence

“Building Tomorrow, Today: Crafting Excellence in Prefabricated Structures.”



EI-MFAB

Brochure



DIV OF EMAAR INDUSTRIES LLC





Technical Specifications:

At MFAB, we take pride in delivering cutting-edge prefabricated buildings that combine innovation, durability, and safety. Our structures are manufactured in two distinct ways, utilizing either PIR (Polyisocyanurate) Insulated Sandwich Panels or Rockwool Insulated Sandwich Panels, both boasting an impressive 180-minute fire rating.

Below are the technical details that set our prefab buildings apart:

Panel Composition: PIR Insulated Sandwich Panel:

- Core Material: Polyisocyanurate foam
- Facing Material: High-strength steel sheets
- Thickness: Customizable options available
- Thermal Conductivity: Exceptionally low for superior insulation

Rockwool Insulated Sandwich Panel:

- Core Material: Stone wool (Basalt)
- Facing Material: Galvanized or pre-painted steel sheets
- Thickness: Customizable to meet project requirements

- Fire Resistance: Inherent resistance to high temperatures (180 Min -FR)

Fire Rating:

- Both PIR and Rockwool panels provide an outstanding fire rating, ensuring the safety and security of occupants.

Thermal Performance:

- PIR panels offer excellent thermal insulation, minimizing energy consumption and ensuring a comfortable interior environment.
- Rockwool panels provide superior fire resistance and thermal insulation, making them ideal for high-risk applications.



Structural Integrity:

- Designed and engineered to meet or exceed international building codes and standards.
- Rigorous testing ensures structural stability and durability, even in extreme conditions.

Applications:

- Versatile design suitable for various applications, including commercial, industrial, and residential projects.

Customization:

- Tailored solutions to meet specific project

requirements.

- A variety of finishes and colors available to enhance aesthetic appeal.

Ease of Installation:

- Prefabricated components streamline the construction process, reducing project timelines.
- Detailed assembly instructions provided for efficient on-site installation.

Environmental Sustainability:

- Both PIR and Rockwool panels are environmentally friendly, promoting sustainability and energy efficiency.



**“Unmatched Fire Protection:
Elevate Safety with our
180-Minute Fire-Rated
Rockwool “MFAB” Where
Durability Meets Innovation!”**

**“MFAB: Trusted Worldwide,
Approved by Industry Giants
- PDO, Shell Oman, Aramco,
Occidental Oman, SABIC,
Qatar Energy, NEOM, United
Nations and many more.
Elevate Your Standards with
Excellence!”**



**“Revolutionize Comfort:
Experience Unparalleled
Efficiency with Our Highly
Insulated “MFAB” Where
Every Corner Embraces a
Warm Embrace of Energy
Savings!”**



**“Crafted Excellence: Unleash
Unrivalled Quality in Every
Detail with Our Finest
Prefabricated Units - Where
Innovation Meets Precision
for a Superior Living
Experience!”**



**MFAB - “Sound Beyond
Silence: Elevate Your
Space with Superior Sound
Insulation, Where Tranquility
Meets Innovation!”**



Welcome to a world of innovative solutions and unparalleled quality with EI Modular-your trusted partner in modular construction.

Explore our cutting-edge products and services designed to elevate your projects to new heights.



EXPLORE OTHER POSSIBILITIES OF :

EI-MFAB

EI-MCUBE

EI-MQBUILD

EI-MSERV

CONTACT OUR RESPONSIVE TEAM TODAY !

General Enquiries

Tel: 2421 8888
info@eimodular.com

For Tenders and Estimation

Tel: 2421 8888
tenders@eimodular.com



Experience the future of construction. Elevate with EI Modular

SAMAIL INDUSTRIAL ESTATE, SULTANATE OF OMAN
www.eimodular.com

