

# FLATSPACE

**SPACEMAKER**

**BYRNE**

**TECHNICAL SERVICES**



spacemaker.ae  
byrnetechnical.com

# Introduction

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Spacemaker was founded in the UAE in 1990 and since then has grown to become one of the highest quality modular building construction suppliers in the Middle East.

A turnkey solution provider, able to deliver off-site **prefabricated modular building solutions** without having to rely on third party providers or sub-contractors.

All the engineering necessary is provided by our in-house team and we thrive on providing solutions to complex scenarios.

Whatever the project and however remote, we can provide design, manufacturing, logistics, installation and maintenance.

Our innovation strategy ensures **creative solutions and the newest of technologies** are considered for every project.

# Product Range

**RIGSPACE****RAPIDSPACE****ECOSPACE (+)****EASYSACE****FLATSPACE****CONTAINERSPACE****OFFSHORESPACE****LUXSPACE****TRAILERSPACE****BALLISTICSPACE****BLASTSPACE****eSPACE**

Spacemaker provides modular buildings for a variety of uses across a range of industries in the Middle East.

Our tailor-made engineering solutions can be used for simple or complex purpose-built structures including oilfield camps, office buildings, warehouses and schools.

Because we offer a turnkey service, there is no reliance on third party providers or sub-contractors which means projects that require fast-track turnaround are able to delivered in the shortest of times.

# Quality

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It is Spacemaker's policy to identify the requirements of our customers and provide a service that meets or exceeds these requirements by the use of processes, materials or products that avoid, reduce, or control pollution and comply with relevant laws, standards and regulations applicable to our business.

Our internal quality procedures adhere to the highest standard in the industry - from detailed documentation of material procurement to thorough certified inspections. This internal process ensures the highest quality of workmanship is met at all times.

## ISO Certification

Recognising the hazards present in our industry, we take every practical step to provide and maintain a safe and healthy work environment for all employees, subcontractors and visitors who may be affected by or come into contact with a Spacemaker project.

At Spacemaker our structured process for managing quality, health, safety and environmental activities in compliance with ISO certification is consistent with QHSEMS standards. Our QHSE management system procedures are documented to ensure our activity, conditions and tasks affecting quality, health, safety and environmental protection are planned, organised, executed, reviewed and improved.

## Our Certifications

**ISO9001:2015** (Quality)

**ISO45001:2018** (Health & Safety)

**ISO14001:2015** (Environment)

**ISO17065** (Product Certification – fire rated wall panels)

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# Capability

The FlatSpace product line supports a series of independent requirements and is the perfect solution for remote, logistically challenged project sites. The ease of assembly, embellished by a highly durable and sustainable product assures engineering ingenuity to our customers.

The FlatSpace product allows customers to benefit from transportation efficiencies allowed by a 'knock-down' component of each 20ft module that is also stackable.

The applications include satellite offices, accommodation (labor, junior, senior), kiosks, mess halls and more.



# Technical Info

- Stackable up to G+2
- Modules are made of 20' x 8' units
- Pre-conducted and pre-plumbed allow for easier assembly on site
- Highly durable even for sea transportation
- Fire resistant
- Ability to place eight 20ft x 8ft open plan units within one 40ft trailer
- Fire rated options include 30 mins and 1 hour
- Colour options available
- Flat and low rib internal finishes available for aesthetic appeal
- Ease to expand or reduce in overall size of the building
- Easy to demobilise and remobilise to locations across the country
- The product also has fire rating conformance to the ASTM E119 standard for a 1 hour fire rating, certified with a well-established globally accredited certifying body



# Case Study

## Project – Krygestan Military Project

Spacemaker supported a large multinational defense contractor who required a project in a military zone with intense weather conditions where the temperature often drops to below minus 20°C. This customer required accommodation and large dining facilities to house and cater for 150 key personnel.

Flatspace was a perfect product range for this area as the building could be flat packed and transported easily, even after completion. Due to the remote location of the military zone, this was a great advantage for the customer. The project was successfully engineered and completed in three months.



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**UAE**

Dubai +971 4 338 4603  
Abu Dhabi +971 2 553 8062  
Sharjah +971 6 526 4911

**KSA**

Jubail +966 13 361 7495



***Built to last***

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