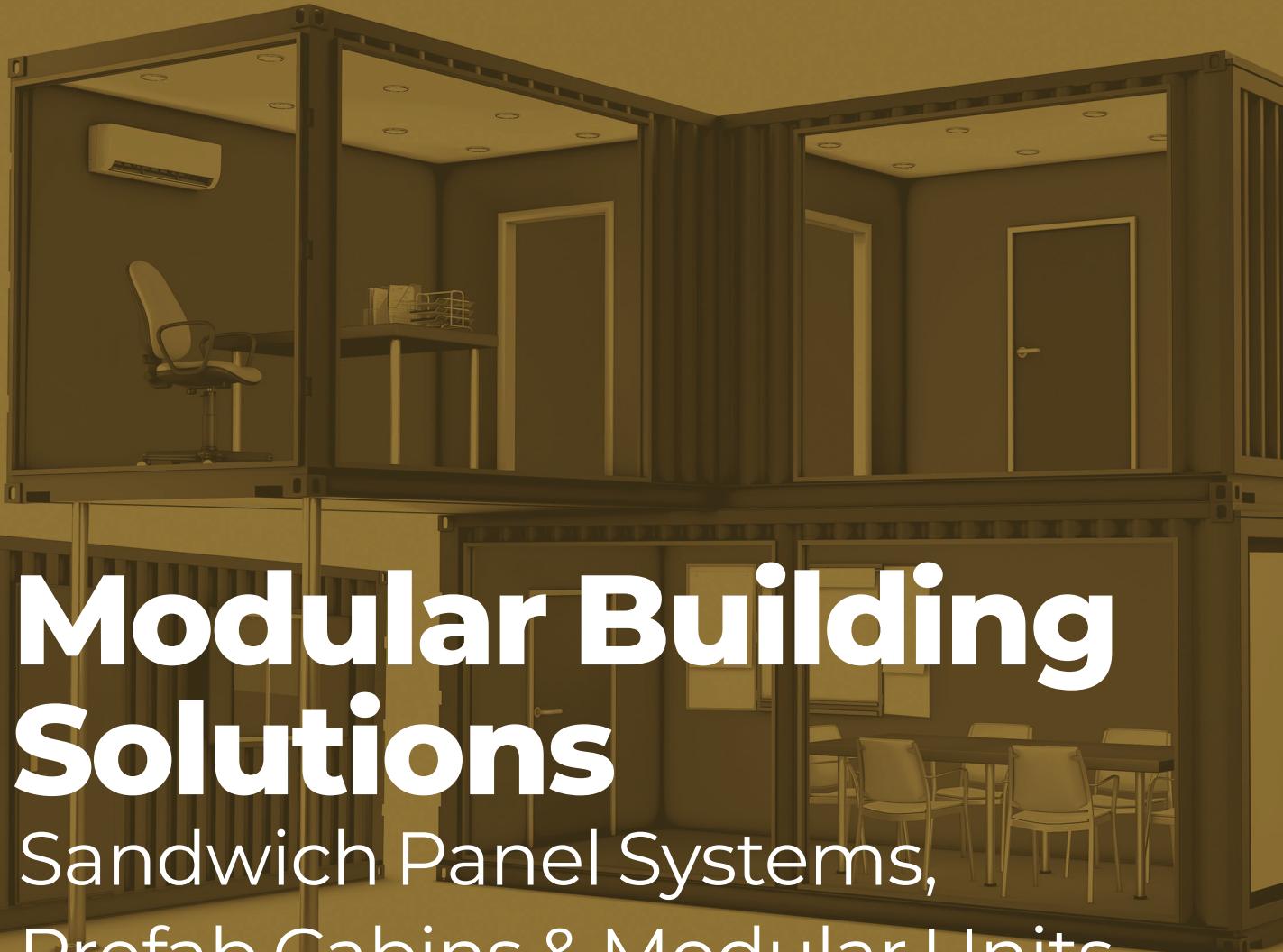


2025-2026 PRODUCT CATALOGUE



# Modular Building Solutions

Sandwich Panel Systems,  
Prefab Cabins & Modular Units

MADE IN IRAN

# Sandwich Panels

Engineered features for efficient & reliable construction



## Sandwich Panel Systems

We provide high-quality sandwich panel systems as a versatile, lightweight, and reliable solution for industrial facilities, commercial buildings, cold storage units, clean rooms, and temperature-controlled environments.

These systems combine durable steel facings with high-performance insulation cores to deliver structural strength, thermal efficiency, acoustic control, and long-term performance across a wide range of construction applications.

## Key Features

- **Versatile Applications**
- **Cost-Effective System**
- **Excellent Thermal Insulation**
- **Fire Safety Options**
- **Acoustic Performance**
- **Moisture & Weather Resistance**
- **Washable & Easy to Clean**
- **Durable & Long Service Life**
- **Fast Installation**

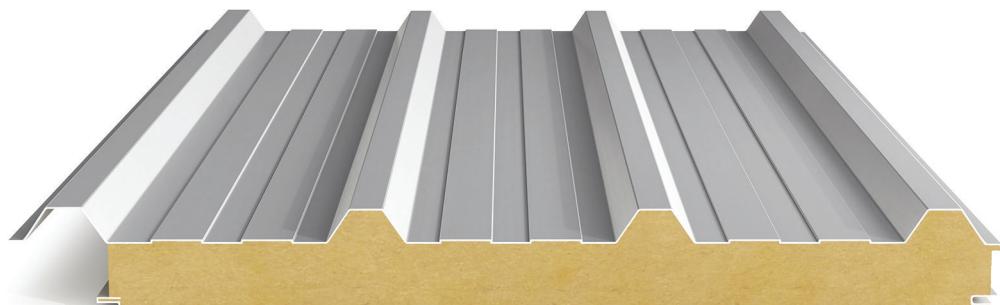
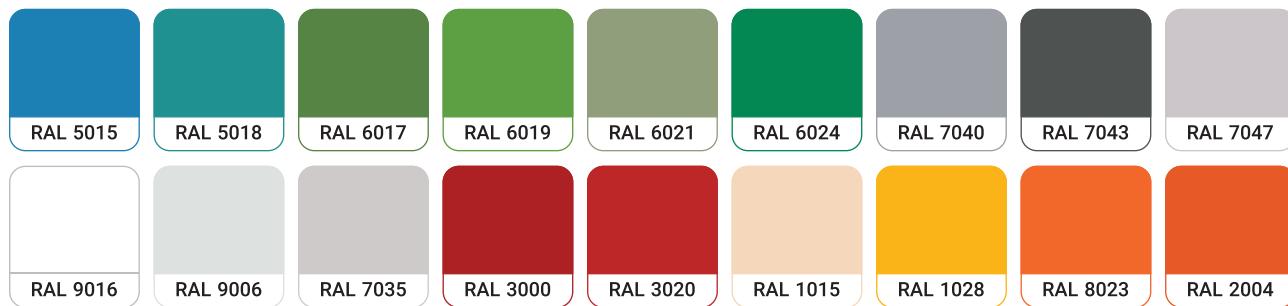
## Components & Material Options

Different facing options are available to suit various environmental and project requirements, including **Galvanized Steel** for standard applications, **Aluzinc Steel** for enhanced corrosion resistance, and **Stainless Steel** for hygienic and high-humidity environments, and **Aluminum** for lightweight and coastal applications.

For highly corrosive and high-humidity conditions, **Super Platinum** facings feature a 150–200 micron PVC-based organic polymer coating over aluzinc steel, providing superior long-term protection.

For insulation, panels utilize **Polyurethane Foam (PUR/PIR)** with a closed-cell structure, offering excellent thermal and acoustic performance. PUR provides flame-retardant properties, while PIR offers higher fire resistance and self-extinguishing behavior, making it suitable for cold storage facilities and industrial buildings that require efficient insulation and moisture resistance.

## Standard RAL Color Options



# Sandwich Panels

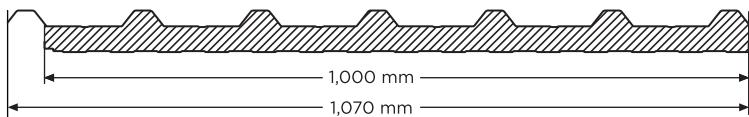
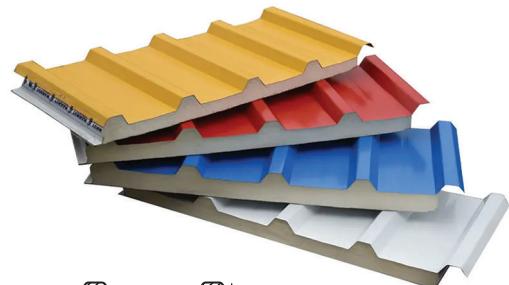
Engineered features for efficient & reliable construction



## Roof Sandwich Panels

Roof sandwich panels are designed for quick installation and reliable waterproofing in industrial, agricultural, and warehouse settings.

With **overlapping joints** for effective sealing and an **insulated core** for thermal performance, these panels are resistant to harsh weather. They are available in various thicknesses and standard RAL colors to meet different requirements.

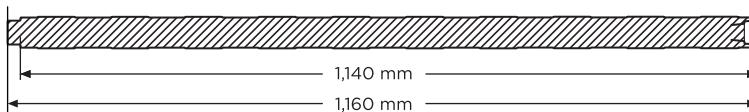


Panel Width	1,070 mm	Fire Classification	PUR (B3) / PIR (B1 / B2) - DIN 4102
Coverage Width	1,000 mm	Facing Options	Metal Facings (Both Sides) Aluminum Foil (One Side)
Length	2,000 - 13,600 mm		
Foam Density	40±2 kg/m <sup>3</sup> (ASTM D1622)	Facing Material	Galvanized Steel / Aluzinc Steel / Stainless Steel Aluminum /Super Platinum
Panel Thickness	20/30/40/50/60/80/100 mm		
Fire Classification	PUR (B3) / PIR (B1 / B2) - DIN 4102	Facing Thickness	0.4 / 0.5 / 0.7 mm

## Wall Sandwich Panels

Wall sandwich panels offer an insulated cladding system with interlocking joints, reliable thermal performance, and durable facings for industrial, warehouse, and cold storage applications.

Available in **Flat (DNS)**, **Ribbed (DND)**, **Micro-ribbed**, and **Secret-fix** profiles, these panels support fast installation and efficient project execution. **Secret-fix panels** feature a concealed joint design that hides fasteners and connections, delivering a clean architectural appearance while maintaining the performance of standard wall panel systems.



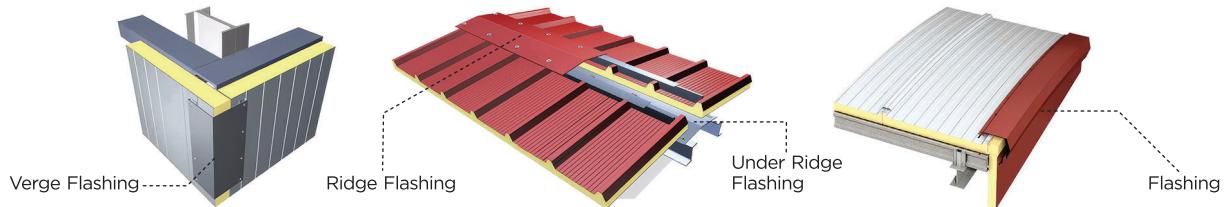
Panel Width	1,160 mm	Fire Classification	PUR (B3) / PIR (B1 / B2) - DIN 4102
Coverage Width	1,140 mm	Facing Options	Metal Facings (Both Sides) Nylon Facing (Both Sides)
Length	2,000 - 13,600 mm		
Foam Density	40±2 kg/m <sup>3</sup> (ASTM D1622)	Facing Material	Galvanized Steel / Aluzinc Steel / Stainless Steel Aluminum /Super Platinum
Panel Thickness	30/40/50/60/80/100/125/150 mm		
Fire Classification	PUR (B3) / PIR (B1 / B2) - DIN 4102	Facing Thickness	0.4 / 0.5 / 0.7 mm

# Sandwich Panels

Engineered features for efficient & reliable construction

## Flashing Sheets

Flashing sheets are used to seal and protect joints, edges, and transitions in wall and roof sandwich panel systems, preventing water and dust infiltration. They are supplied in project-specific profiles and manufactured from materials matching the panels, such as **pre-painted galvanized steel, aluzinc, or aluminum**, typically in 0.4, 0.5 or 0.7 mm thicknesses.



## Gutter Systems

Gutter systems are used for controlled collection and drainage of rainwater from roof sandwich panels, protecting building facades and foundations from water damage. They are supplied in standard or project-specific profiles and manufactured from corrosion-resistant materials matching the roofing system, such as **pre-painted galvanized steel, aluzinc, or aluminum**.



## Cleanroom Sandwich Panels

Cleanroom sandwich panels are insulated wall and enclosure systems for environments requiring strict hygiene, controlled airflow, and stable thermal conditions.

Designed for pharmaceutical, medical, food, and high-tech applications, they support compliance with international cleanliness standards.

- **Smooth, Seamless, and Washable Surfaces** for easy cleaning and contamination control
- **Hygienic & Chemical-Resistant Materials** suitable for frequent disinfection
- **High Thermal & Acoustic Insulation** to maintain controlled internal conditions
- **Moisture & Corrosion Resistance** for long-term performance in clean environments
- **Controlled Airflow Compatibility** supporting positive or negative pressure systems

## Cold Storage Sandwich Panels

Cold storage sandwich panels are insulated enclosure systems used in temperature- and humidity-controlled rooms such as cold rooms, freezers, and industrial refrigerated spaces.

With high thermal performance and tight joint design, they help minimize energy loss, control moisture, and support hygienic operation in sensitive environments.

- **High Thermal Insulation** for stable internal temperatures and reduced heat transfer
- **Energy-Efficient Performance** with lower cooling/heating demand
- **Moisture Resistance** to help prevent condensation and ice formation
- **Hygienic and fire-safe options** available based on core and facing selection
- **Seal-tight joints** (Tongue & Groove) for gap-free connection and improved airtightness

# Prefab Cabin Solutions

Modular, ready-to-install units for industrial and site applications

## Prefabricated & Container-Based Cabins

Prefab and container-based cabins provide a fast, economical solution for creating functional spaces such as offices, accommodation units, service cabins, and site facilities. These modular units are suitable for **temporary or permanent use** and can be configured based on size, layout, and performance requirements.

### Key Features

- **Wide Range of Applications** including office, residential, sanitary, security, and site cabins
- **Fast Installation & Easy Relocation** for project-based and remote locations
- **Durable Construction** with weather-resistant materials
- **Flexible Configurations** based on space, function, and interior requirements
- **Cost-Efficient Solutions** tailored to project scope and budget



## Labor Camps & Workshop Equipment Cabins

Portable workshop cabins are practical prefabricated structures widely used in construction, infrastructure, and industrial projects. They are suitable for temporary or permanent use as worker accommodation, rest areas, engineering offices, pantries, or sanitary units. These cabins provide an efficient solution for projects located away from residential areas and are commonly reused or relocated after project completion, making them a flexible, scalable, and cost-effective option for contractors and project sites with changing operational needs.



### Portable Workshop Cabins

Portable workshop cabins are prefabricated units used for temporary or permanent site facilities such as worker accommodation, offices, rest areas, and sanitary spaces. Designed for easy relocation and reuse, they offer a practical and cost-effective solution for construction and industrial projects.

### Foldable Cabins

Foldable cabins are insulated prefabricated units designed for fast installation, easy relocation, and efficient storage. Their compact folding structure enables economical transportation, reduced logistics costs, and flexible use for temporary site applications across various project environments.

# Prefab Cabin Solutions

Modular, ready-to-install units for industrial and site applications



## Accommodation Cabins

Accommodation cabins are modular living units designed for workforce housing in construction, mining, and industrial projects. Built with insulated sandwich panels and high-strength steel structures, they provide reliable thermal and acoustic performance, durability, and safety in harsh climatic conditions.

These cabins feature insulated walls and roofing, finished flooring systems, aluminum or PVC doors and windows, and fully installed electrical and sanitary equipment. Optional interior layouts, connection systems, and auxiliary roofing solutions allow flexible configuration, easy transportation, and efficient installation for both temporary and long-term site accommodation.



## Drilling Site Cabins

Drilling site cabins are specialized modular units designed for oil and gas well sites, remote locations, and offshore platforms. Supplied in compliance with ANSI and CE standards, these cabins offer various functional configuration, including management, accommodation, laboratory, sanitary, kitchen, dining, prayer, and security units, to support operational and camp requirements in demanding environments.



## Cold Storage Portable Cabins

Cold storage cabins provide a fast solution where rapid installation and minimal site preparation are required. Suitable for indoor or outdoor use, they are designed for food, pharmaceutical, and laboratory storage. Walls, floors, and roofs use polyurethane sandwich panels over 100 mm, with 150 mm panels applied in special cases to enhance thermal performance. Dimensions and capacity are configurable based on project needs.



## Telecommunications Cabins

Telecommunication cabins are modular shelters designed to protect sensitive equipment in telecom, power, military, and security applications. Supplied in compliance with ANSI standards, these cabins use insulated sandwich panels ranging from 40 to 100 mm with reinforced structures. They can be installed on fixed foundations or mounted on wheeled systems for deployment at telecom stations and satellite sites.

# Prefab Cabin Solutions

Modular, ready-to-install units for industrial and site applications



## Fire-Resistant Cabins

Fire-resistant cabins are modular units designed in accordance with NFPA standards, capable of withstanding temperatures up to 1100 °C for one hour. Built with reinforced steel structures and fire-rated insulation, they provide reliable protection for critical and high-risk environments.

These cabins are suitable for oil, gas, petrochemical, military, medical, laboratory, food, and security-grade applications, where fire safety, structural integrity, and operational reliability are essential.



## Diesel Generator Cabins

Diesel generator cabins facilitate transport and fast commissioning while reducing noise through insulated panels and vibration control. Their engineered design provides easy access for maintenance, fuel, exhaust, ventilation, and cooling systems.



## Bulletproof Cabins

Bulletproof cabins are specialized security units engineered with advanced materials to resist ballistic threats. Designed for high-security locations, they provide enhanced protection for personnel in critical and sensitive environments.

## Other Modular Cabin Solutions

In addition to standard models, customized and special-purpose cabin solutions are also available, developed based on specific project requirements, site conditions, and functional needs. These include:

- **Portable Shop Cabins**
- **Guard Portable Cabins**
- **Turnpike Portable Cabins**
- **Toilet & Bathroom Trailers**
- **Rescue Capsules**
- **Portable Clinics**
- **Special Applications Cabins**
- **Mobile Energy Centers**
- **Fixed & Mobile Data Centers**
- **Electrical Control Rooms**
- **On-Site Portable Cabins**
- **Cabin Transport Trailer**



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