

PANELO

COMPOSITE BUILDING PANELS
REVOLUTION IN BUILDING

"It is the courage to challenge the familiar, the audacity to question the accepted, and the resilience to envision a world reshaped by the bold strokes of transformation."



SIMPLICITY & SPEED

PRE CUT LARGE SIZE FLOORS, WALLS & ROOFS



Easy to connect: The panels can be connected with the screws and special easy to apply sealant.

Precise Pre-Cutting: The panels are pre-cut to fit specific dimensions in large sizes up to 12 meters which significantly reduces the complexity of installation on-site. This is particularly beneficial for saving time and minimizing errors during construction.

Lightweight Materials: Panels made from lightweight materials are easier to handle and install. This leads to a quicker and more efficient installation process and does not require massive cranes.

Clear Installation Guidelines: Detailed installation guides and manuals delivered with the panels. Clear instructions make it easier for builders and contractors to understand the proper installation procedures.

Factory Quality Control: Panels produced in a factory setting undergo stringent quality control measures. This can ensure that each panel is uniform and meets the required standards, making installation more predictable.

Reduced On-Site Labor: The simplicity of panel installation can reduce the need for extensive on-site labor, potentially saving costs and time.



PANELO

REPLACE CONCRETE REPLACE BRICKS

HIGH EFFICIENT & SUSTAINABLE
TIMBER MIXED WITH HIGH-TECH
INSULATION WALL, FLOOR & ROOF PANELS



Several benefits should be considered when comparing traditional building methods.

Environmental Sustainability: Fewer natural resources, lower embodied energy, and reduced carbon emissions.

Energy Efficiency: Better insulation properties help to improve the overall energy efficiency of a building. This leads to lower energy consumption for heating and cooling, contributing to reduced utility costs and environmental impact.

Faster Construction: The construction process is much faster. This leads to cost savings on site and quicker project completion.

Lightweight Construction: Advantageous in situations where weight is a critical factor, such as in certain types of infrastructure or in earthquake-prone regions.

Design Flexibility: More design flexibility, allowing for innovative and aesthetically pleasing architectural solutions and unique customized building designs.

Cost Savings: More cost-effective than traditional ones, especially when considering factors like transportation, installation, and financial costs.

REPLACE SITE WORK

LOAD-BEARING AND INSULATED FACTORY PRODUCED PANELIZED BUILDING SYSTEM



Precision and Quality Control: Factory production allows for precise and controlled manufacturing conditions. Building panels can be produced with high precision and consistency, ensuring uniform quality and structural integrity.

Efficiency and Speed: The assembly line nature of factory production enables faster construction compared to traditional on-site methods. This efficiency can lead to shorter project timelines and reduced overall construction time.

Weather Independence: Factory production is not affected by weather conditions, which can significantly impact on-site construction schedules. This ensures year-round production without weather-related delays.

Reduced Waste: The controlled environment of a factory allows for better material management and reduced waste. Precise measurements and cutting minimize the amount of excess material generated during the manufacturing process.

Customization and Standardization: Factory production allows for both customization and standardization. Panels can be tailored to specific project requirements.

Cost Savings: Economies of scale in factory production lead to cost savings. The streamlined processes, reduced labor on-site, and minimized material waste contribute to overall cost efficiency.

Safety: Factory environments are designed with safety in mind. Workers operate in controlled conditions with proper safety measures in place, reducing the risk of accidents compared to on-site construction.

Quality Assurance and Testing: Building panels undergo rigorous quality assurance and testing in a factory setting. This ensures that the panels meet or exceed industry standards and specific project requirements.

Logistics and Transportation: Factory-produced panels are easier to transport to the construction site, leading to more efficient logistics.

Environmental Impact: Factory production is more environmentally friendly by optimizing material usage, reducing waste, and incorporating sustainable practices. This aligns with the growing emphasis on sustainable and eco-friendly construction methods.

ENVIRONMENTAL SUSTAINABILITY

LOW ENERGY COSTS
WITHOUT SACRIFICING COMFORT



Environmental Sustainability: Fewer natural resources, lower embodied energy, and reduced carbon emissions.

Energy Efficiency: Better insulation properties help to improve the overall energy efficiency of a building. This leads to lower energy consumption for heating and cooling, contributing to reduced utility costs and environmental impact.

CERTIFIED IN THE UK

FIRE TESTED, LOAD TESTED



PANELO has successfully completed thorough testing at esteemed facilities, including the Warrington Fire and Lucideon labs in the UK. Our commitment to quality is reflected in our ISO 9001 certificate, affirming adherence to stringent international standards. Additionally, we proudly hold BMTrada's Q-Mark Certificate and are on track to attain the ETA (CE) certification in the nearest future.

READY TO MAKE NEXT STEP

LET'S GO BIG!

ARE YOU INTERESTED IN INVESTING
OR BECOMING A PARTNER?



CONTACT US
WWW.PANELO.EU