



# PanelTechSA

INSULATED

SOLUTIONS

**Innovative Panels. Limitless Possibilities.**

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## SERVICES WE OFFER:

1. Innovative Manufactured Panel Designs
2. Cold Storage Facilities
3. Strip Curtains, Automated Doors and Meat Rails
4. Refrigerated Trailers, Kiosks and Ablutions
5. Grow Rooms and Chicken Houses
6. Modular Housing and Classrooms
7. Store Rooms and Guard Houses
8. Spray Booths
9. Service, Repairs, Maintenance

## PANEL TYPES AND SIZES

<u>EPS</u>	<u>PU</u>	<u>Rockwool</u>	<u>SIP</u>	<u>Nutec</u>	<u>Nutec Wood</u>	<u>Dry Wall</u>
40mm	40mm	50mm	74mm	62mm	68mm	50mm
50mm	50mm	75mm	86mm	74mm	80mm	
75mm	60mm	100mm	111mm	99mm	99mm	
100mm	80mm	150mm				
150mm	100mm					
200mm						

The background image shows the interior of a cold storage facility. It features a series of empty metal shelving units arranged in rows. The ceiling is equipped with several large industrial spotlights and fluorescent light fixtures. The walls appear to be made of insulated panels, and the floor is a smooth, light-colored surface. The overall atmosphere is clean and functional.

# ABOUT US

PanelTech SA is a leading manufacturer and supplier of high-quality insulated panels across Africa, dedicated to serving the industrial and commercial sectors.

With over 22 years experience, we specialise in the design, manufacture, and installation of polystyrene, polyurethane, and rockwool panels, delivering durable, energy-efficient solutions for cold and freezer rooms, modular buildings, storage facilities, and more.

At PanelTech SA, we work closely with our clients to transform their vision into reality, ensuring every project , big or small, meets exact requirements with precision and reliability. When it comes to insulation and modular innovation, we don't just build, we build smarter.

# INNOVATIVE MANUFACTURED PANEL DESIGNS



We design, manufacture, and supply high-performance panel systems engineered to meet stringent structural, thermal, and acoustic requirements across commercial, industrial, and residential projects.

Our panel solutions are available in multiple configurations, core materials, thicknesses, densities, and span capabilities to accommodate diverse design and load specifications.

Our range includes:

- **Polystyrene (EPS) Insulated Panels** – Lightweight panels offering reliable thermal insulation and cost-efficient building envelope solutions.
- **Polyurethane (PU) Insulated Panels** – High thermal resistance panels providing superior insulation performance with reduced panel thickness.
- **Rockwool Insulated Panels** – Fire-resistant, high-density mineral core panels delivering enhanced acoustic control and fire performance.
- **Structural Insulated Panels (SIPs)** – Engineered load-bearing panels suitable for rapid construction and high energy-efficiency applications.
- **Nutec Insulated Panels** – Fibre cement-based panel systems offering durability, moisture resistance, and low maintenance.
- **Nutec Wood-Finish Insulated Panels** – Composite panel systems combining structural stability with enhanced insulation properties.
- **Dry Walling Panel Systems** – Internal partition solutions designed for fast-track installation and clean finishes.
- **Acoustic / Soundproofing Panels** – Engineered systems designed to reduce airborne and impact noise transmission.
- **Tongue and Groove Panels** – Interlocking systems ensuring secure fitment and improved structural continuity.
- **Lightweight Building Panels** – Reduced dead load systems suited for modular and prefabricated construction.
- **Roof Insulation Panels** – Thermally efficient roofing systems designed to optimize energy performance and weather resistance.

All systems are manufactured to ensure dimensional accuracy, structural reliability, and compliance with relevant building standards. Panels can be supplied in project-specific sizes and finishes to meet architectural and engineering specifications, ensuring efficient installation and long-term performance.

# INNOVATIVE MANUFACTURED PANEL DESIGNS



# COLD STORAGE FACILITIES



Custom-built cold and freezer storage facilities designed for maximum efficiency, durability, and temperature control. We deliver tailored solutions for industries such as food, pharmaceuticals, and agriculture – ensuring products stay fresh, safe, and compliant.

From small-scale cold rooms to large industrial cold storage facilities, we build with precision to meet your exact storage needs. We offer full turn-key solutions, engineered refrigeration and energy saving solutions.

Our panels are manufactured with chromadek, ready to install with our tongue and groove jointing system.

## **Cold Room and Freezer Room Accessories**

PanelTech SA supplies all door gear, angles, handles, hinges, and meat rail fittings to ensure your facility is fully equipped and operational.



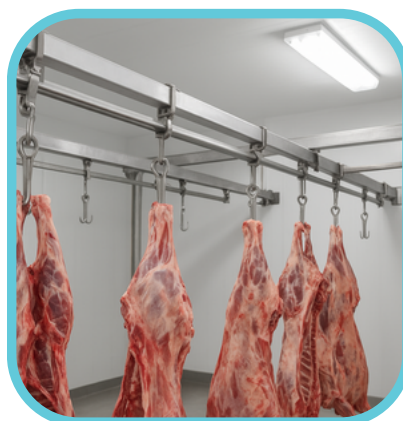
# STRIP CURTAINS, AUTOMATED DOORS AND MEAT RAILS



At PanelTech SA, we provide high-quality strip curtains, automated doors, and meat rails tailored to meet the demanding needs of cold storage and industrial facilities. Our strip curtains offer excellent insulation, energy efficiency, and ease of access while maintaining controlled environments.

Automated doors are designed for seamless operation, improving workflow and reducing energy loss. For the meat industry, our durable meat rail systems ensure safe, hygienic, and efficient handling of products.

Each solution is engineered for reliability, hygiene, and performance—helping you maintain productivity while meeting the strictest industry standards.



# REFRIGERATED TRAILERS, KIOSKS, ABLUTIONS



PanelTech SA provides versatile modular solutions including refrigerated trailers, kiosks, and ablution facilities, all built with our high-quality insulated panels.

Our refrigerated trailers offer reliable mobile cold storage for safe transport of perishable goods, while our kiosks create modern, functional spaces for retail and food service.

For hygiene and durability, our ablution facilities deliver practical, easy-to-maintain sanitary solutions for sites, events, schools, and remote locations.

Units can be fitted with custom requirements to fit your trading needs.



# GROW ROOMS AND CHICKEN HOUSES



Our grow rooms create controlled environments for consistent, sustainable production, while our chicken houses are designed to improve animal welfare, reduce costs, and support productive farming operations.

Our Chicken Houses are equipped with advanced dual-compressor HVAC systems, online monitoring, and fully controllable lighting to create the perfect environment for poultry farming. With a dehumidification-priority HVAC system, farmers gain precise control over temperature and humidity, ensuring optimal conditions year-round. Promote healthier livestock, greater productivity, and long-term cost savings for every farming operation.



# MODULAR HOUSING AND CLASSROOMS



Modular solutions for housing, classrooms, toilets, clean rooms, and more – designed to be efficient, practical, and cost-effective.

Built with our high-quality Structural Insulated Panels, these modular spaces are lightweight, low-maintenance, and deliver superior air tightness for controlled environments.

Whether for education, residential, or specialised facilities, our modular builds provide durable, adaptable spaces that meet today's needs with speed and efficiency.



# STORE ROOMS AND GUARD HOUSES



Our modular store rooms and guard houses offer practical and efficient solutions for businesses, construction sites, and residential properties across Africa.

Designed with precision, these structures are quick to install and built to last, providing secure and reliable spaces that meet your storage and security needs.

Whether you require a robust guard house for site protection or a flexible store room for inventory and equipment, our modular solutions combine functionality with quality craftsmanship, ensuring long-term performance and peace of mind.

Eliminate the high cost of container, by allowing PanelTech to build your unit to your needs and save you money.



# SPRAY BOOTHS



Our state-of-the-art spray booths are designed to provide controlled, dust-free environments that ensure superior finishes and consistent results.

Manufactured with precision-engineered insulated panels, these booths are durable, energy-efficient, and customizable to meet your specific requirements.

Whether for automotive, industrial, or specialized applications, our spray booths enhance safety, improve productivity, and deliver professional-quality performance while meeting strict industry standards.





OUR PROJECTS

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# PanelTechSA

INSULATED SOLUTIONS

## Contact Us:

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