



BEST SOLUTIONS
FOR POLYURETHANE PANELS

CORPORATE PROFILE

Engineering Better Air Distribution

MANUFACTURED IN QATAR

•

INTERNATIONAL STANDARDS

•

TRUSTED PERFORMANCE



BEST SOLUTIONS
FOR POLYURETHANE PANELS



أمان أولاً



جودة عالية



تركيبات احترافية

أنظمة دكت من ألواح البوليوريثان
عزل حراري - خفيف الوزن - مقاوم للحريق



BEST SOLUTIONS
FOR POLYURETHANE PANELS

BEST SOLUTIONS FOR POLYURETHANE PANELS W.L.L.
BUILDING CONFIDENCE

BUILDING CONFIDENCE THROUGH LOCAL MANUFACTURING

More Than a Manufacturer. A Reliable Engineering Partner.

At Best Solutions for Polyurethane Panels W.L.L., we believe that successful projects begin with dependable partners. Our mission is to provide consultants, contractors, developers, and project owners with locally manufactured, internationally tested pre-insulated polyurethane panel systems that combine engineering excellence, thermal efficiency, and reliable delivery.

By manufacturing in Qatar, we eliminate unnecessary international shipping delays, provide highly responsive local technical support, and contribute directly to the sustainable development of the national industrial sector in strict alignment with the **Qatar National Vision 2030**.

Our commitment extends far beyond simple manufacturing. Every panel rolling off our production line represents our structural dedication to uncompromised quality, continuous innovation, and long-term customer partnerships.



"Local Manufacturing. Global Standards. Reliable Performance."

WHY BEST SOLUTIONS

Why Industry Professionals Choose Best Solutions

Every successful HVAC project depends on reliable products, dependable suppliers, and responsive technical support. Best Solutions delivers all three elements seamlessly:

MANUFACTURED IN QATAR

Supporting local industry while ensuring immediate product availability and drastically reduced project lead times.

INTERNATIONALLY TESTED

Product structural performance verified thoroughly by independent laboratories according to internationally recognized codes.

ISO CERTIFIED

Management systems certified for Quality (ISO 9001), Environmental (ISO 14001), and Occupational Health & Safety (ISO 45001).

RAPID DELIVERY

Local production completely eliminates unpredictable international maritime delays, helping major projects stay on strict schedule.

COST OPTIMIZATION

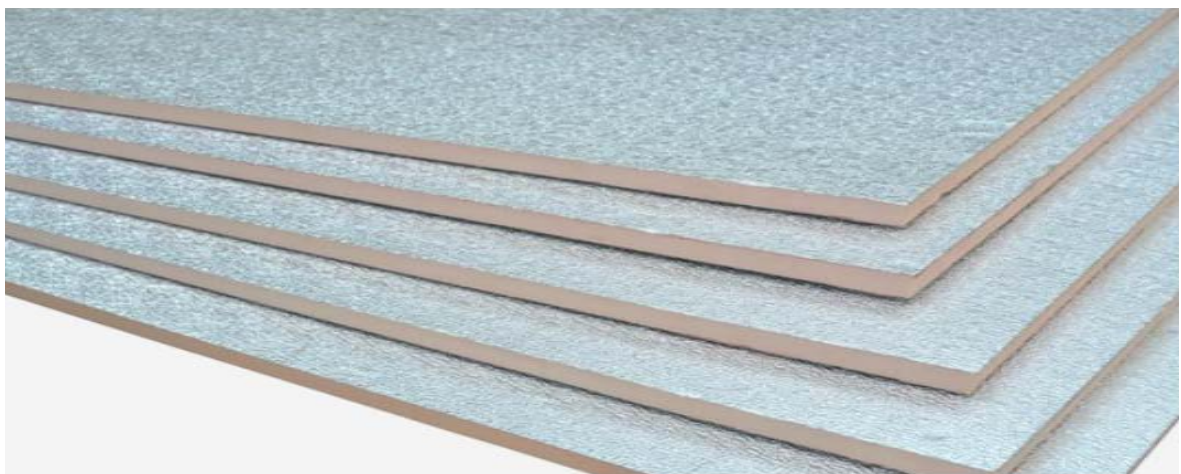
Reduced internal transportation, rapid site assembly times, and minimized lifecycles yield highly measurable financial value.

ENERGY EFFICIENCY

Excellent thermal insulation values contribute directly to reduced building HVAC operating costs and optimized indoor climates.

CONSISTENT QUALITY

Every single production batch undergoes documented, strict laboratory quality control procedures prior to site dispatch.



COMPANY AT A GLANCE

Best Solutions at a Glance

Best Solutions for Polyurethane Panels W.L.L. is a specialized manufacturer of pre-insulated polyurethane (PUR) panels designed for HVAC ductwork systems. Our products are engineered to meet the growing demand for energy-efficient, lightweight, and high-performance air distribution solutions across Qatar and the GCC region.

 COMPANY Best Solutions W.L.L.	 INDUSTRY HVAC Pre-Insulated Duct Systems	 HEADQUARTERS Doha – State of Qatar	 MANUFACTURING Local Production Facility
 MAIN PRODUCT BS PANEL Polyurethane Panels	 CERTIFICATIONS ISO 9001 / 14001 / 45001	 LABORATORY TESTING Independent Lab Tested (ASTM)	 TARGET MARKETS Qatar, GCC & Regional Exports



OUR MANUFACTURING FACILITY

Manufacturing Excellence Starts Here

Our manufacturing facility has been established to provide the Qatari market with locally produced pre-insulated polyurethane panels that comply with international quality standards while ensuring production flexibility, reliable delivery schedules, and continuous technical support.

Every stage of production is carefully monitored to achieve consistent panel quality and reliable long-term performance.

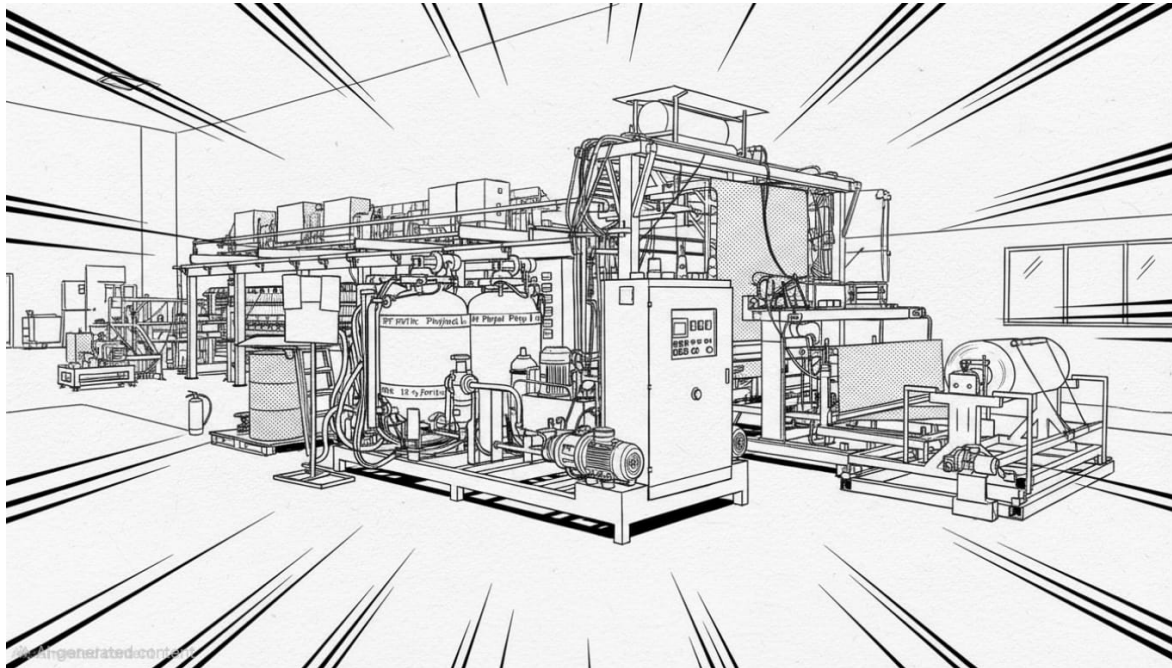
KEY HIGHLIGHTS:

- Local manufacturing in Doha.
- Continuous production process.
- High-quality raw materials.
- Controlled production environment.
- Consistent product quality.
- Scalable production capability.

PRODUCTION PHILOSOPHY

At Best Solutions, manufacturing is more than an industrial process. It is a commitment to consistency, precision, and continuous improvement.

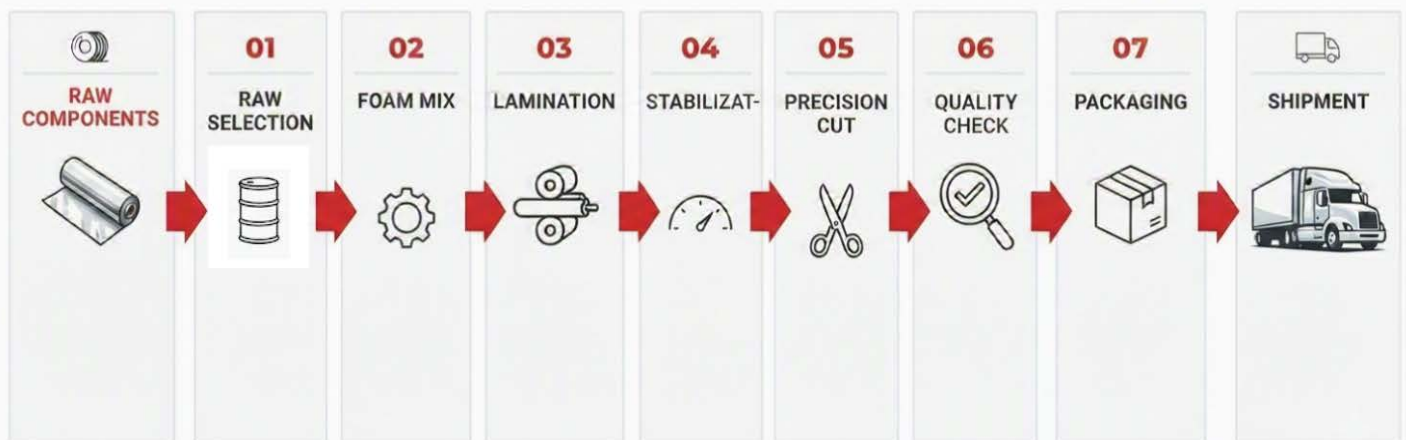
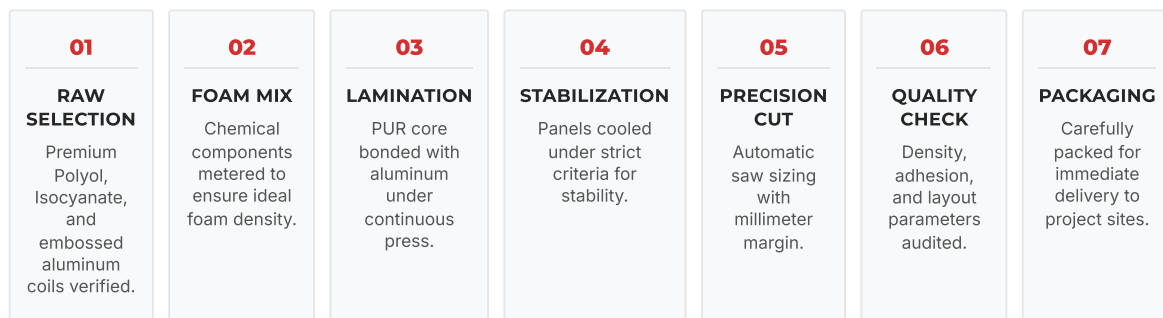
From raw material selection to finished product inspection, every stage follows documented quality procedures to ensure that every BS PANEL delivered meets the expectations of consultants, contractors, and project owners.



FROM RAW MATERIALS TO FINISHED PANEL

The Manufacturing Journey

Every BS PANEL is manufactured through a carefully controlled process that combines premium raw materials, advanced production technology, and rigorous quality control. The result is a lightweight, durable, and thermally efficient panel engineered for demanding HVAC applications.



EVERY PANEL. EVERY BATCH. EVERY TIME.

Manufactured with consistency. Delivered with confidence.

QUALITY ASSURANCE

Quality Without Compromise

Every panel manufactured by Best Solutions undergoes a controlled quality assurance process designed to ensure consistent performance, dimensional accuracy, and long-term reliability. Quality is not inspected into our products—it is built into every stage of manufacturing.

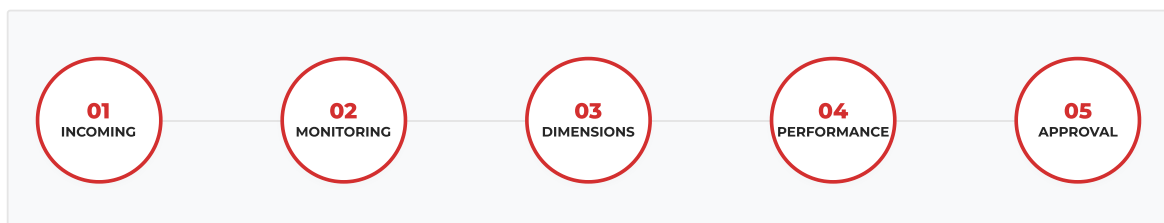
At Best Solutions, quality assurance begins long before production starts. Every raw material is inspected before entering the production line, while manufacturing parameters are continuously monitored to maintain consistency throughout the process.

Finished panels are subjected to dimensional inspections, visual examinations, and laboratory verification to ensure compliance with our internal quality standards and internationally recognized testing methods. This systematic approach allows us to provide customers with products that consistently meet project specifications and performance expectations.

QUALITY PHILOSOPHY

"Quality is not a department. It is our manufacturing philosophy."

QUALITY CONTROL PROCESS



Incoming Materials

Verification of chemical components & aluminum coil skins before run.

Production Monitoring

Continuous parameter metrics logged live on lamination line.

Dimensional Check

Detailed panel thickness, flatness & profile geometry validation.

Performance Audit

Systematic laboratory pressure, heat & density testing.

Final Approval

Strict formal release sign-off prior to batch packaging.



CERTIFIED TO INTERNATIONAL STANDARDS

Confidence Built on Certification

Independent certification provides our customers with supreme confidence that our management systems operate systematically according to rigorous globally recognized frameworks. Best Solutions maintains fully certified operations supporting manufacturing consistency, environmental responsibility, and occupational health and safety.

ISO 9001:2015

QUALITY MANAGEMENT

Ensures structural consistency in automated manufacturing processes, rigorous quality controls, maximum customer satisfaction, and continuous corporate development.

ISO 14001:2015

ENVIRONMENTAL MANAGEMENT

Governs highly responsible manufacturing practices while structurally minimizing modern carbon footprint and environmental impacts throughout raw cycles.

ISO 45001:2018

OCCUPATIONAL HEALTH & SAFETY

Establishes robust, safe working environments across complex processes, effectively protecting factory crew, inspectors, and physical industrial assets.

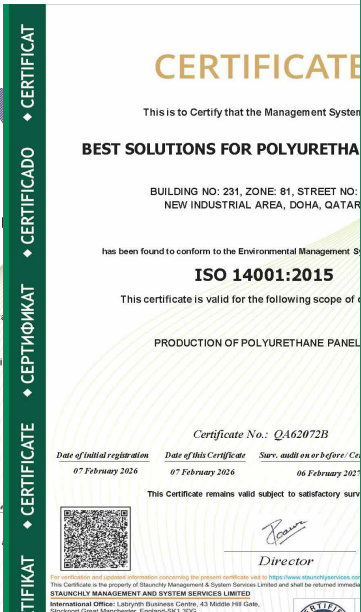
OUR COMMITMENT:

International certification is not merely a static achievement—it is an active, ongoing daily commitment to maintaining the absolute highest benchmarks of factory performance, technical compliance, and operational excellence.

DOCUMENTED ISO REGISTRATIONS



CERTIFICATE
This is to Certify that the Management System of
BEST SOLUTIONS FOR POLYURETHANE PANELS
BUILDING NO: 231, ZONE: 81, STREET NO: 1,
NEW INDUSTRIAL AREA, DOHA, QATAR
has been found to conform to the Quality Management System standard:
ISO 9001:2015
This certificate is valid for the following scope of operations:
PRODUCTION OF POLYURETHANE PANELS
Certificate No.: QA62072A
Date of initial registration: 07 February 2026
Date of this Certificate: 07 February 2026
Surv. audit on or before: 06 February 2027
This Certificate remains valid subject to satisfactory surveillance.



CERTIFICATE
This is to Certify that the Management System of
BEST SOLUTIONS FOR POLYURETHANE PANELS
BUILDING NO: 231, ZONE: 81, STREET NO: 1,
NEW INDUSTRIAL AREA, DOHA, QATAR
has been found to conform to the Environmental Management System standard:
ISO 14001:2015
This certificate is valid for the following scope of operations:
PRODUCTION OF POLYURETHANE PANELS
Certificate No.: QA62072B
Date of initial registration: 07 February 2026
Date of this Certificate: 07 February 2026
Surv. audit on or before: 06 February 2027
This Certificate remains valid subject to satisfactory surveillance.



CERTIFICATE
This is to Certify that the Management System of
BEST SOLUTIONS FOR POLYURETHANE PANELS
BUILDING NO: 231, ZONE: 81, STREET NO: 1,
NEW INDUSTRIAL AREA, DOHA, QATAR
has been found to conform to the Occupational Health & Safety Management System standard:
ISO 45001:2018
This certificate is valid for the following scope of operations:
PRODUCTION OF POLYURETHANE PANELS
Certificate No.: QA62072C-1
Date of initial registration: 07 February 2026
Date of this Certificate: 07 February 2026
Surv. audit on or before: 06 February 2027
Recertification Due: 06 February 2029
This Certificate remains valid subject to satisfactory surveillance audits.

PERFORMANCE VERIFIED

Tested. Verified. Trusted.

Performance claims must always be supported by clean, empirical measurable evidence. For this key reason, BS PANEL systems have undergone comprehensive independent testing to rigorously verify their precise thermal, mechanical, and fire performance properties.

FIRE PERFORMANCE

Class B

ASTM E84 Standard
Flame Spread: 35
Smoke Developed: 140

THERMAL CONDUCTIVITY

0.0227

Unit: W/m·K
Premium thermal insulation values
reducing building HVAC power
usage.

CORE FOAM DENSITY

53.6

Unit: kg/m³
Rigid closed-cell PUR core structure
ensuring maximum durability.

WATER ABSORPTION

0.5 %

ASTM Test Verified
Extremely low vapor ingress
protecting thermal life cycles.

COMPRESSIVE STRENGTH

66.19 kPa

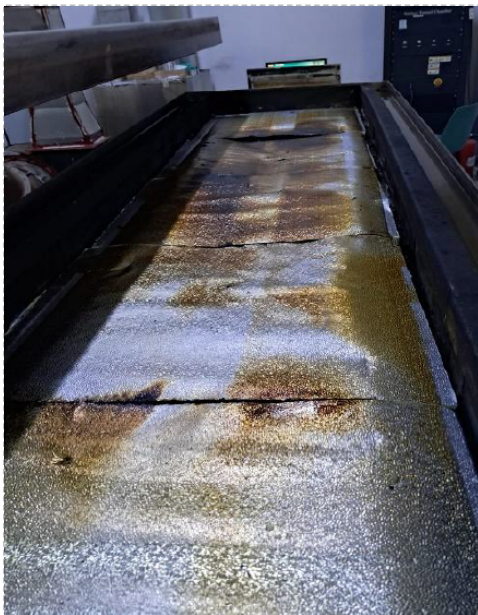
Structural Strength
Built to easily withstand mechanical
site assembly handling.

FLEXURAL STRENGTH

1132 kPa

Bending Resistance
Superior rigidity against static
pressure & long system spans.

* Every published performance metric listed on this executive dashboard is backed by comprehensive Technical Reports issued by third-party accredited independent laboratories.



BS PANEL

Engineered for Performance

A New Generation of Pre-Insulated HVAC Duct Systems

BS PANEL is the flagship product of Best Solutions for Polyurethane Panels W.L.L. Designed specifically for modern HVAC ductwork applications, BS PANEL combines structural strength, superior thermal insulation, and lightweight construction into a single integrated solution.

Unlike conventional galvanized steel duct systems requiring external insulation, BS PANEL integrates the duct structure and thermal insulation into one engineered product, resulting in faster installation, improved energy efficiency, and lower lifecycle costs.

LIGHTWEIGHT CONSTRUCTION

Reduces structural loads while simplifying transportation, handling, and installation.

SUPERIOR THERMAL PERFORMANCE

Maintains conditioned air temperature and minimizes thermal losses throughout the HVAC system.

FIBRE-FREE CONSTRUCTION

Creates healthier indoor environments by eliminating fibre shedding associated with traditional insulation.

MOISTURE RESISTANCE

Closed-cell polyurethane core minimizes moisture absorption and reduces condensation risks.

FASTER INSTALLATION

Integrated construction significantly reduces fabrication and installation time.

LONG-TERM DURABILITY

Designed to maintain structural integrity and thermal performance throughout the service life of the system.



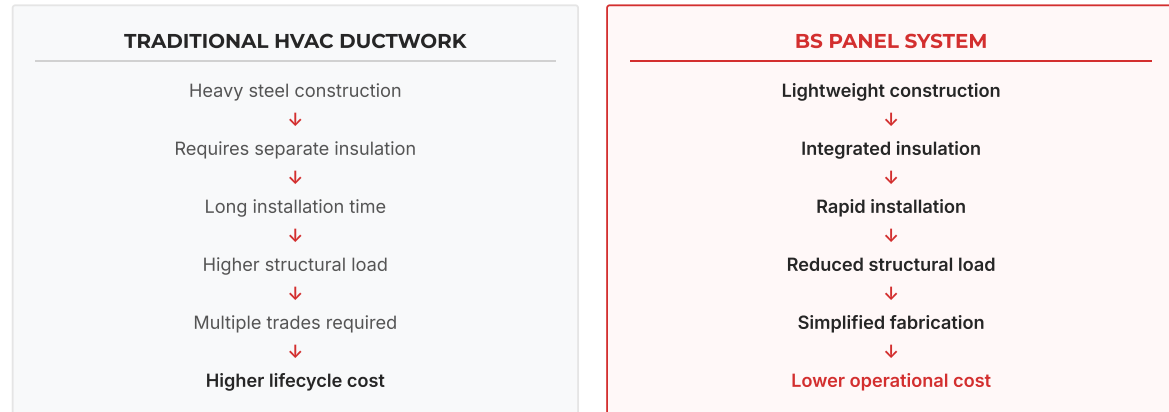
SIDE HIGHLIGHT

One Product. Multiple Advantages.

WHY BS PANEL?

Designed to Solve Real Project Challenges

Today's construction projects demand solutions that are faster to install, more energy efficient, and easier to maintain. BS PANEL has been engineered to address these requirements while reducing installation complexity and improving long-term building performance.



ADDITIONAL BENEFITS

- ✓ Improved air quality
- ✓ Reduced condensation
- ✓ Excellent thermal resistance
- ✓ Easier handling
- ✓ Reduced project duration
- ✓ Consistent quality
- ✓ Cleaner installation
- ✓ Better energy performance

"Engineered to reduce installation time. Designed to improve building performance."

CONVENTIONAL GALVANIZED SHEET DUCTWORK	VS.	INSULATED BS PANEL PRE-FABRICATED DUCTWORK
 BULKY, INDUSTRIAL LOOK Metallic, un-insulated sheets create a cluttered appearance.		 CLEAN, MODERN LOOK Smooth, finished exterior provides a uniform and aesthetically pleasing appearance.
COMPLEX & BUSY INSTALLATION Requires numerous external supports, brackets and connections.		NEAT & ORGANIZED INSTALLATION Fewer and less obtrusive supports for a clean, streamlined overhead space.
OCCUPIES MORE SPACE Large size and complex support system reduce usable space and lower ceiling height.		MAXIMIZES USABLE SPACE Compact design and pre-insulated panels utilize less plenum space and allow higher ceilings.
	VISUAL OPTIMIZATION STRUCTURAL TIDINESS SPATIAL EFFICIENCY	

INSULATED BS PANEL PRE-FABRICATED DUCTWORK DELIVERS **SUPERIOR PERFORMANCE** IN EVERY ASPECT.

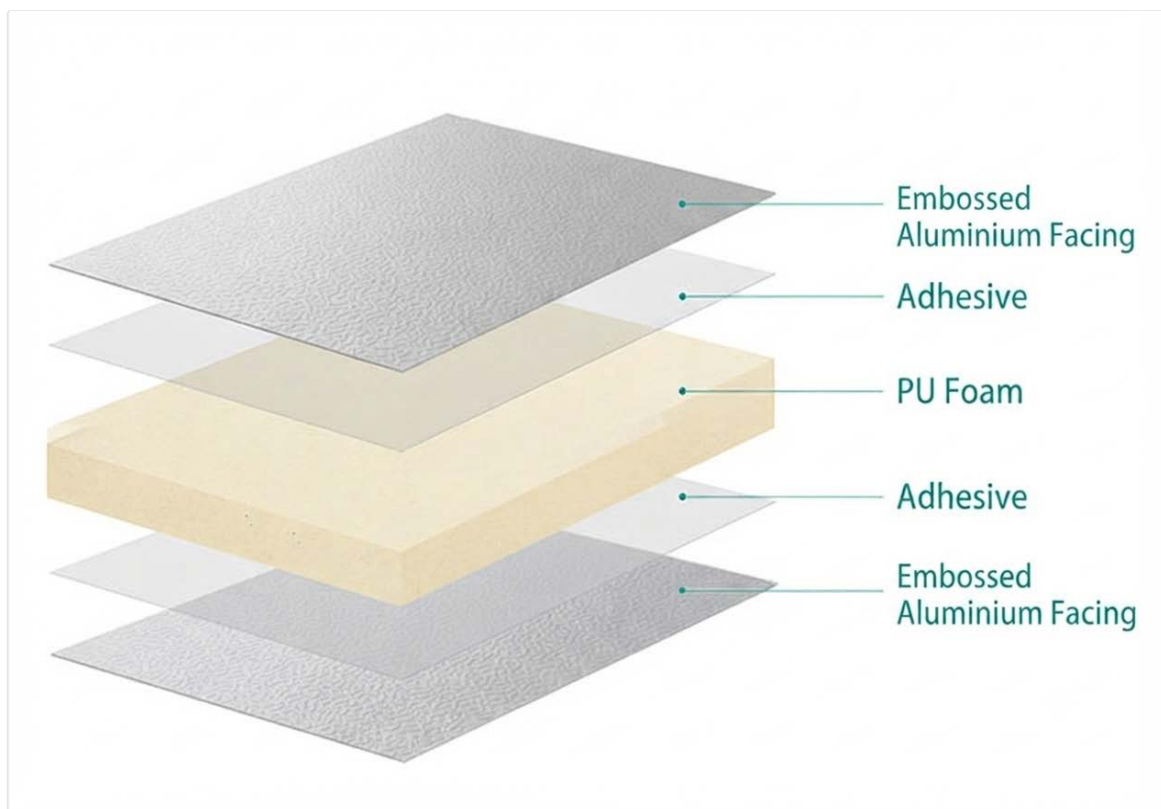
TECHNICAL ADVANTAGES

Performance That Engineers Can Trust

Every technical characteristic of BS PANEL has been developed to provide measurable engineering value. Rather than focusing only on product specifications, our design philosophy emphasizes real-world performance, reliability, and long-term efficiency.

FEATURE	ENGINEERING BENEFIT
Closed-Cell Polyurethane Core	Excellent thermal insulation with low thermal conductivity.
High Density Foam	Enhanced mechanical strength and improved dimensional stability.
Embossed Aluminium Facing	Provides durability, vapour resistance, and long-term surface protection.
Lightweight Construction	Reduces dead load and simplifies installation.
High Structural Rigidity	Supports stable duct fabrication with excellent dimensional accuracy.
Factory Controlled Production	Consistent product quality across every production batch.

BS PANEL EXPLODED LAYER DIAGRAM



ENGINEERED FOR COMPLETE HVAC LIFECYCLE SUCCESS

Supporting consultants, contractors, and building owners at every step.

TECHNICAL SPECIFICATIONS

Engineered for Performance. Verified by Testing.

The following technical characteristics represent the typical performance of BS PANEL manufactured under controlled production conditions. These values are supported by independent laboratory testing and internal quality verification procedures.

PROPERTY	TYPICAL VALUE
Product Type	Pre-Insulated Polyurethane (PUR) Panel
Core Material	Rigid Closed-Cell Polyurethane Foam
External Facing	Embossed Aluminium Foil
Panel Thickness	20 mm
Panel Dimensions	4000 mm x 1200 mm
Average Density	53.6 kg/m ³
Thermal Conductivity	0.0227 W/m·K
Water Absorption	0.5 %
Compressive Strength	66.19 kPa
Flexural Strength	1132 kPa
Fire Classification	ASTM E84 – Class B



** Actual product specifications may vary according to customer requirements and project specifications.*

DESIGNED FOR EVERY MODERN BUILDING

BS PANEL is suitable for a wide range of HVAC air distribution applications across commercial, industrial, healthcare, educational, and residential projects.

COMMERCIAL

- Office towers
- Business centres
- Retail developments

HEALTHCARE

- Hospitals
- Facilities
- Laboratories

HOSPITALITY

- Hotels
- Resorts
- Conventions

INDUSTRIAL

- Factories
- Warehouses
- Plants

EDUCATIONAL

- Schools
- Universities
- Research centres

INFRASTRUCTURE

- Airports
- Government bldgs
- Transportation

RESIDENTIAL

- Luxury villas
- Compounds
- Apartments

DATA CENTRES

- Tech facilities
- Control rooms
- Server rooms



Healthcare Facilities

Hospitals, Labs & Operating Theatres



Data Centres

Mission Critical Control Infrastructure



Airlines & Airports

High-Traffic Transportation Hubs



Shopping Malls

Large-scale High CFM Air Distribution



Industrial & Food

Pharmaceutical & Production Areas



Special Projects

Indoor Swimming Pools & Sports
Complexes

No matter the project size or complexity, BS PANEL delivers reliable thermal performance, simplified installation, and long-term operational efficiency.

BUILT IN QATAR. READY WHEN YOU ARE.

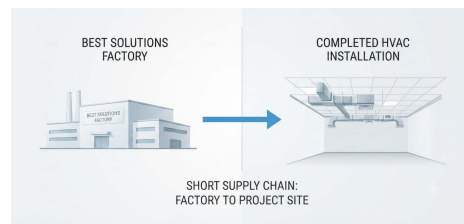
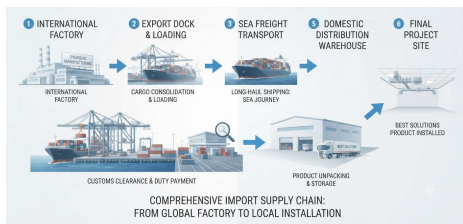
Local manufacturing is more than a geographical advantage—it is a strategic benefit for every project.

TRADITIONAL IMPORTED SUPPLY CHAIN

- ❌ International shipping schedules
- ❌ Customs clearance delays
- ❌ Currency fluctuations
- ❌ Long replacement times
- ❌ Limited technical support
- ❌ Supply chain uncertainty

BEST SOLUTIONS LOCAL MANUFACTURING

- ✅ Manufactured in Doha
- ✅ Immediate product availability
- ✅ Faster delivery
- ✅ Stable local pricing
- ✅ Direct engineering support
- ✅ Responsive after-sales service
- ✅ Reduced project risk



Manufactured Locally. Supporting Projects Nationally.

Choosing a locally manufactured product supports project continuity, improves scheduling flexibility, and contributes to the development of Qatar's industrial sector.

OUR COMMITMENT

Committed to Quality. Focused on the Future.

At Best Solutions, we believe that long-term success is built on continuous improvement, customer satisfaction, and responsible manufacturing. Our commitment extends beyond supplying products; we strive to build lasting partnerships.

QUALITY

Meeting customer expectations and international standards.

INNOVATION

Continuous improvement through technology.

PARTNERSHIP

Support before, during, and after completion.

SUSTAINABILITY

Responsible and energy-efficient practices.

SAFETY

Safe workplace, reliable products.

CONTINUOUS IMPROVEMENT

Never stop improving people and processes.

"Engineering Trust. Delivering Performance."





BEST SOLUTIONS
FOR POLYURETHANE PANELS

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CONTACT US

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Let's Build Better HVAC Systems Together

We welcome the opportunity to discuss your project requirements and provide professional engineering support tailored to your needs.

 **Address:** Qatar - Doha - New Industrial Area - Street No. 1 - Factory No. 24

 **Telephone:** : 7049 1441

 **Email :** info@bestsolutionqatar.com

 **Website:** www.bestsolutionsqatar.com

 **WhatsApp :** 3376 0010



**More Than Manufacturing...
We Deliver Confidence.**





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ENGINEERING BETTER AIR DISTRIBUTION

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