

Bardawil Qatar Launches Advanced Waterproofing Solutions to Protect Buildings and Infrastructure in Doha

Bardawil Qatar unveils advanced waterproofing solutions in Doha to enhance durability, protect infrastructure, and support sustainable construction.

DOHA, DOHA, QATAR, September 15, 2025 /EINPresswire.com/ -- Bardawil Qatar, a leading provider of construction materials and engineering solutions, has announced the launch of a comprehensive range of advanced waterproofing systems in Doha. The new offering is designed to meet the needs of Qatar's fast-growing construction sector by ensuring long-term protection for buildings and infrastructure against moisture and water ingress, while supporting sustainability and asset durability.

Bardawil Qatar has expanded its service portfolio to include a full spectrum of advanced waterproofing solutions, addressing a wide range of applications such as exposed roofs, foundations and retaining walls, kitchens and wet areas, underground basements, parking decks, tanks, and tunnels. This expansion comes in response to the growing demand for reliable and sustainable building solutions in Qatar's dynamic construction market. The company emphasized that its waterproofing approach is based on three pillars: selecting the right system for each project, executing with precision according to global standards, and conducting rigorous quality control tests before and after completion to guarantee long-term performance.

Advanced Waterproofing Systems

The newly launched solutions cover a wide array of systems, including:

- Bituminous Membranes: Self-adhesive or torch-applied sheets suitable for roofs and below-grade walls, offering flexibility and water resistance.
- Liquid-Applied Waterproofing Systems: Polyurethane and acrylic coatings applied by brush,



Official logo of Bardawil Qatar, provider of advanced waterproofing and engineering solutions.

roller, or spray, creating seamless protection over complex details.

- **Cementitious Waterproofing:** One- or two-component systems ideal for concrete tanks, basements, and structures subject to positive and negative water pressure.
- **Protection Boards & Waterstops:** To safeguard membranes during backfilling and concrete works, and to seal joints in expansion and construction areas.
- **Detailing Solutions:** Specialized treatments for roof drains, wall-to-slab junctions, pipe penetrations, and parapet terminations.

Each project is supported with technical data sheets, shop drawings, and quality control protocols, ensuring systems are designed and tested for Qatar's specific environmental conditions.



Workers applying advanced waterproofing system to protect concrete surfaces in a Qatar construction project.

Why Waterproofing Matters in Qatar

Qatar's climate—characterized by high temperatures, humidity, airborne salts, and dust—poses significant challenges to construction durability. Failures in waterproofing often lead to:

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Our mission is to deliver reliable waterproofing systems that protect Qatar's infrastructure for decades to come.”

*Technical Solutions Manager,
Bardawil Qatar*

- Concrete deterioration and accelerated corrosion of steel reinforcement.
- Increased maintenance costs and unplanned repairs.
- Reduced asset value due to recurring water damage.
- Indoor air quality and energy efficiency issues caused by trapped moisture and condensation.

Industry research indicates that water ingress and dampness account for a large portion of building defects globally. Preventive investment in waterproofing not only extends the life cycle of assets but also reduces operational risks and enhances sustainability.

Case Studies from Qatar

Bardawil Qatar highlighted selected projects that demonstrate its practical expertise:

1. Commercial Roofs

- Scope: Surface preparation, leveling, application of liquid-applied multi-layer waterproofing reinforced with fiberglass at details.
- Result: Improved drainage, elimination of ponding, zero leakage reports during the rainy season.

2. Multi-Storey Parking Structures

- Scope: Application of cold-applied membranes for roof decks and underground slabs, with full mechanical protection before finishes.

- Result: Excellent resistance to water pressure and long-term reliability in joints and connections.

3. Concrete Water Tanks

- Scope: Multi-layer cementitious waterproofing applied internally, with waterstops installed in construction joints and injection of vulnerable points.
- Result: Successful flood testing and handover with zero remarks.



Worker applying a torch-on waterproofing membrane for roof and foundation protection in Doha.

Note: Project details are presented as technical methodologies and outcomes. Client names are withheld for confidentiality. Reference site visits can be arranged upon request.

Quality Assurance Methodology

Bardawil Qatar follows a structured methodology for all projects:

1. Technical Diagnosis: Site inspection, moisture and chloride testing where applicable, mapping of water ingress paths.
2. System Selection: Matching project requirements with system performance, considering exposure, thermal movement, and maintenance cycles.
3. Detailing & Design: Shop drawings, submittals, and approvals prior to execution.
4. Execution: Certified teams using approved equipment, under direct engineering supervision.
5. Testing: Adhesion and pull-off tests, dry film thickness checks, flood/ponding tests where applicable, with full documentation.
6. Handover & Maintenance: Comprehensive reports and preventive maintenance guides.

Management Comments

A company spokesperson said:

“Our philosophy is to address the root cause of water ingress, not just the symptom. By diagnosing correctly, selecting the right system, and executing details precisely, we ensure long-

term protection for clients' assets and reduced lifecycle costs."

The Technical Solutions Manager added:

"Our partnerships with international manufacturers allow us to provide materials tailored for Gulf conditions, while our teams deliver solutions adaptable to complex site challenges, from large-scale roofs to intricate pipe penetrations."

Integration with Other Engineering Solutions

Bardawil Qatar delivers waterproofing as part of an integrated package of services, including:

- Thermal insulation and reflective roof systems.
- Concrete repair and protective coatings.
- Firestopping systems for joints and penetrations.
- Specialized construction chemicals for restoration and surface protection.

This integrated approach ensures consistency across systems and simplifies coordination for contractors, consultants, and owners.

Global Market Perspective

- **Preventive Value:** Properly designed waterproofing systems are proven to reduce building maintenance interventions and operational downtime.
- **Lifecycle Impact:** Investment in robust waterproofing lowers the total cost of ownership over decades by minimizing concrete deterioration and interior damage.
- **Sustainability:** By reducing moisture and leakage, waterproofing improves indoor air quality and energy efficiency, aligning with green building goals.
- **Market Size:** The global waterproofing industry is valued in the tens of billions of dollars, with steady growth driven by infrastructure expansion, stricter codes, and demand for long-term durability.

About Bardawil Qatar

Bardawil Qatar is a specialized supplier of construction materials and engineering solutions in Qatar. The company provides advanced waterproofing and insulation systems, concrete repair solutions, fire protection products, and construction chemicals. Backed by partnerships with global manufacturers and a skilled technical team, Bardawil Qatar supports the country's urban development and infrastructure projects with solutions that meet international standards of quality and sustainability.

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