PRODUCT BROCHURE & SPECIFICATIONS

MOVABLE BULKHEAD

Innovex Bulkheads offer a simple solution for the creation of multiple programming spaces in a large swimming pool.
Innovez Bulkheads are Fina-compliant and provide an easy solution for the creation of multiple swimming pool spaces, to cater for different programming needs.

Optimal Pool Programming

Innovez Bulkheads are a simple and efficient way to divide a large swimming pool. A cost-efficient method to maximise the use of any aquatic facility, the movable bulkhead is essentially a wall that creates different spaces within one swimming pool. The bulkhead spans the width of the pool and can be easily moved along the length, to vary the size of the spaces according to the activities scheduled. Having a movable bulkhead allows great flexibility for facility owners, who can then afford to accommodate simultaneous activities at any one time in the same swimming pool. In addition, for pools with different depths, the movable bulkhead caters for the division of the pool according to its depth. For larger pools, having more than one bulkhead provides even more scheduling options. From a leasing or operational cost standpoint, a bulkhead can create more revenue potential by allowing more activities to be conducted at the same time.

Quality Construction

Manufactured in 316L stainless steel, Innovez Bulkheads feature a box truss structure for optimal rigidity and minimal deflection. The top and sides of the bulkhead are clad in slip-resistant PVC grating - the sides allow water flow-through hence reducing wave resistance for competitive swimming whilst the top allows for a safe walking platform. Fully Fina-compliant, Innovez Bulkheads are durable and constructed in the highest quality. Innovez Bulkheads are custom-designed and built to each facility’s specifications.
Advantages of Innovez Bulkheads

Stainless Steel Construction - Innovez Bulkheads feature a singular, fully-welded stainless steel structure. This provides better rigidity and minimal deflection - the centre of the bulkhead does not sink over time and the sides do not protrude from the tension of the lane ropes.

Highly Durable - With its stainless steel construction, Innovez Bulkheads will not crack or peel and require minimal maintenance in the long-run.

Custom-Made - Innovez Bulkheads are designed and built to suit the pool facility, and not the other way around.

Total Water Flow-Through - The bulkheads are designed to allow water flow-through to maintain good water circulation and reduce wave resistance for an unhindered swimming experience.

Improves Operational Cost Efficiency - Innovez Bulkheads enable optimal programming in the pool facility by allowing different activities to take place simultaneously.

Slip-Resistant Surfacing - The tops and sides of the bulkheads are cladded with slip-resistant PVC grating for better walking and turning surfaces.

Easy Movability - The bulkheads can be moved quickly and easily to different positions along the length of the pool.

Extensive Warranty - All Innovez Bulkheads are covered by warranty for a period of 15 years, commencing from the date the installation is completed.

Typical Bulkhead Section View

Typical Bulkhead Plan View
Innovez Bulkheads are designed and manufactured in Singapore, according to high engineering and production standards. Every Innovez Bulkhead is created as a custom solution for a specific aquatic facility, designed to fit its specific size, cost and purpose considerations.

Innovez Engineering is a leader in the design, construction and maintenance of large commercial swimming pools, as well as the manufacture and supply of high-quality swimming pool systems, equipment and accessories.

With over a decade’s experience in swimming pools, the team at Innovez Engineering is familiar with the engineering, technologies and systems that are required of an aquatic facility. Innovez Engineering has built swimming pools for commercial enterprises, residences, institutions and government – from resort pools to Fina-standard competition pools. Innovez Engineering has the complete design and construction capability coupled with technical expertise to successfully deliver both new builds and renovation projects.

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