

# InQuikDefense



InQuikDefense presents an innovative approach to defense infrastructure, integrating the advantages of prefabrication with on-site concrete construction.

## Accelerated Construction

The InQuik® system is a modular technology, combining prefabricated steel formwork and reinforcing bars to form self-supporting components. These lightweight elements are easily transported globally and placed onsite for concrete filling. Offering quick construction, with cost-effectiveness and artillery resilience.

## Defense Solution

InQuikDefense uses our technology to construct reinforced concrete structures such as bridges, military storage bunkers, fighter shelters and blast walls.

- Rapid Deployment – facilitates the quick establishment of MOBs and FOBs.
- Simplified Installation – ideal for use in challenging locations, ensuring a streamlined construction process.
- Efficient Mobility – logistical flexibility with lightweight cranes and smaller trucks.
- Advanced Defense – permanent steel formwork for stronger resilience against artillery effects such as cone cracking, scabbing and penetration.



accelerated construction

**InQuik**®

## Military Bridge Specifications

|                         |                                                             |
|-------------------------|-------------------------------------------------------------|
| Load Rating             | Class 25 Standard*                                          |
| Size                    | Span lengths up to 18.5m                                    |
| Support Condition       | Fully integral up to 60m, semi-integral or simply supported |
| Exposure Classification | C2                                                          |
| Design Life             | Up to 50 Years Standard                                     |

\*Higher load ratings are possible, but may require different span length configurations

### Proven Success

With over 200 reinforced concrete structures already completed using the InQuik technology across Australia, the USA, and the Pacific Region, our innovation is tried, tested, and trusted across the world.

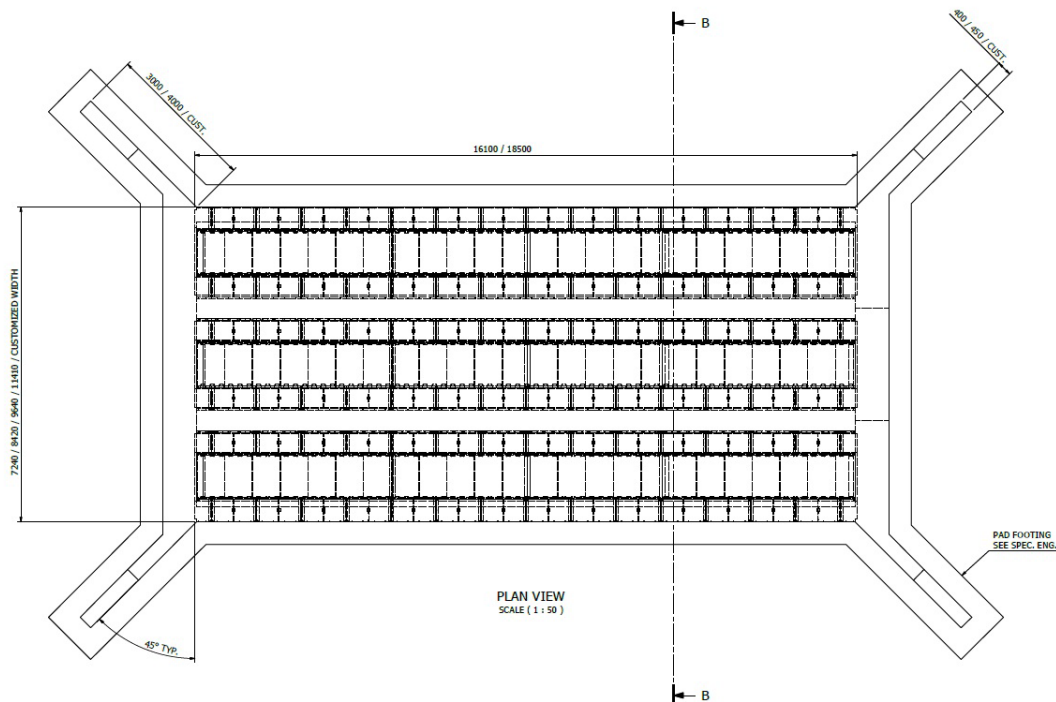
### Enhanced Protection and Reduced Maintenance

The system includes several features that protect the structure, such as permanent formwork to provide increased artillery resilience. InQuik's use of integral connections eliminates bearings and tie-downs, which reduces ongoing inspections and whole-of-life costs.

### Dynamic Response & Operational Flexibility

InQuik bridges possess swift deployability on a global scale, catering to both short and long-term military applications. Additionally, they are well-suited for repurposing as civilian structures in post-conflict scenarios.

Bunker and shelter structures can also be swiftly deployed, facilitating the swift construction of robust protective structures for quickly establishing bases.



AUSTRALIA

Suite 2.02, 33-35 Saunders St, Pyrmont, NSW, 2009. +61 1300 467 845 enquiries@inquik.com.au

USA

Suite 322, 1644 Platte St, Denver, Colorado, 80202. +1 866 249 9661 inquiries@inquikbridge.com

