





In comparison to conventional systems, the DUCS is lightweight and requires few resources for transport and construction. Skilled labour is not required, and the structure is designed to be assembled with hand-tools. It has been designed with simplicity in mind.

DUCS PROTECTION

The level of protection in DUCS is scalable, in accordance to operational requirements.

DUCS structures have achieved the highest level of ballistic and fragment protection, protecting its occupants from direct fire threats that exceed .50 cal bullet and fragments in excess of 155 mm rocket warheads.

The system also provides the highest level of protection against VBIED and other explosive threats. In full-scale explosive tests of up to 2,000kg TNT it protected against pressures exceeding 1,000 psi and impulses of 1,200 psi.msec.

All tests and trials have been undertaken and documented by a number of international authorities including US Army Corps of Engineers, US TSWG, US Air Force Research Laboratories, NL TNO, UK MoD, and UK Royal Engineers.

DUCS GUARD ROOM

The Dynasystems Universal Construction System (DUCS) is a flexible building system which consists of pre-fabricated framework allowing for rapid on-site assembly.

The system design adds integration of service units like stairs, interior furniture and in-built conduits for data & power requirements.

The system also allows for a variety of interior and exterior finishes to suit requirements.

The flexible architecture of the system has been specifically designed to meet ever changing requirements.

It can be adapted at a later date to change its function or to respond to a greater threat level.

