

Military shelters, expanding type 2:1



Box in Box, 2:1 expanding container

This is a lightweight aluminum - polyurethane sandwich construction expanding from centre ISO box pushing out a secondary box to 2:1 proportion. This design allows heavy permanent installation of C³ system components, heavy tools, medical apparatus etc. enhancing true "plug & play" capabilities.

The expanding sections of the shelter are designed as integral parts of the ISO 668 1CC 20 ft container and are folded out by means of a manually or electrically operated winch. Expanding sections are self-supporting and allow expansion and operational use whilst on a truck or trailer.

The container is designed for 8000 kg gross weight with a Tare of only 3300 kg. Free floor area when deployed into operational mode, excluding optional technical compartment is 22,6 m². The high tensile steel frame is fully welded and the endframes carry all eight ISO-corners according to ISO 668 and ISO 1161 for handling according to ISO 3874. Container is designed with 2 ea standard ISO 1496-2 forklift pockets cc2040 made in high tensile steel and fully welded into side rails.

The container calculated thermal value is approx. 0.56 W/m²K and heat losses is calculated to approx. 3.1kW. Standard colour is Desert Yellow RAL 1014. It is manufactured in an EU/ EES/NATO country and is CSC- and TIR-approved by Lloyds Register.

(mm)	<u>External</u> L x W x H	<u>Internal</u> L x W x H
Transport mode:	6058 x 2438 x 2591	5800 x 2250 x 2300
Operational mode:	6058 x 4556 x 2591	5800 x 4400 x 2090

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