

 elements europe

DEFENCE

Case Studies

 defence

CASE STUDIES

defence



Suitable Products for the Education Industry:



Room Module



Solopod (Bathroom Pod)



Light Steel Frame Façade



Light Steel Frame Structure

With Nationwide spending cuts, all governmental departments have been forced to look at more cost effective and faster methods of construction within the defence sector.

Elements Europe's systems have been used to house troops, providing robust, weather proof and thermally efficient accommodation, which does not leave a footprint and is suitable for a range of different terrains.



Defence Unit

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Ministry of Defence, UK & G8 Summit, Northern Ireland

- ◆ **SIZE:** 545 Units, 4,350 Beds
- ◆ **CLIENT:** Ministry of Defence & Police Service of Northern Ireland
- ◆ **OFF-SITE VALUE:** £12.5 million & £3.8 million
- ◆ **ARCHITECT:** Aecom



375 bespoke units were manufactured and installed for the Ministry of Defence to house 3,000 troops, and 170 units were delivered to accommodate 1,350 security personnel at the G8 Summit.

The light steel frame units comprised of cold rolled steel C-sections fitted externally with 18mm marine plywood, a breathable membrane and dark grey cladding with the appearance of rendered spar dash. Internally the walls were lined with fire-line board and pre-finished wood.

Each unit was 7m long, 3m high and over 4m wide and contained two rooms with two bunk beds and two en-suite bathrooms in each. The weather proof

units were durable and thermally efficient and designed not to leave a footprint.

The units could easily be connected to the mains water and electricity available on-site. If required, the units also had the ability to be connected to generators and mobile waste and water units.





Snoozebox, Silverstone

2

Snoozebox, Silverstone

- ◆ **SIZE:** 40 Rooms
- ◆ **CLIENT:** Snoozebox
- ◆ **OFF-SITE VALUE:** £600,000
- ◆ **ARCHITECT:** The Manser Practise



Snoozebox is a brand new concept which has created a fully transportable hotel. Once on-site the hotel can be operational within 48 hours.

Elements Europe manufactured and delivered the 40 room modules using 10 shipping containers, each container was divided into four room modules. Each room featured an en-suite bathroom, double bed, single bed and flat screen TV.

One transportable mothership was used for the hotel which controlled the mechanical and electrical as well as the waste disposal systems. The 40 bed hotel was located in the grounds of Silverstone, providing guests with affordable accommodation in a prime location.

The Snoozebox hotel concept is ideal for key sporting events around the UK and Europe, providing event organisers with a solution to supplying good quality accommodation on-site.

Elements Europe signed a 5 year global contract with Snoozebox, thus ensuring complete manufacturing exclusivity.



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DESIGN, DEVELOPMENT AND DELIVERY OF
OFF-SITE CONSTRUCTION SOLUTIONS