

# STAKKAbox™

## Fortress



STAKKAbox™ Fortress is a range of modular and structural preformed access pits, suitable for use across all major industry sector projects (in accordance with CUBIS' installation guidelines).

The system provides contractors with a means of constructing access pits quickly and inexpensively, whilst offering improved build quality, reduced defects and enhanced site safety performance.

The Fortress system is moulded in HDPE and possesses excellent strength to weight properties. Each section is ribbed internally to improve loading performance.

Using the Fortress system, complete cable pits can be constructed from excavation to reinstatement in less than one hour.

### Features & Benefits



#### > Fast and easy to install

STAKKAbox™ pits are significantly faster to install than conventional alternatives, with complete installations typically taking up to one hour. This results in reduced costs for the installer. No specialist equipment or plant is required in order to install the access pits and there is no need for specialist pit builders.

#### > Sectional & twin wall design

Pits are built to required depth by adding 150mm sections. Due to the twinwall design, individual sections are light meaning they can be manually lifted. Each access pit possesses vertical and horizontal ribs, resulting in a product that is strong vertically and on the sidewall. Most installations do not require specialist backfills, reducing installation costs.

#### > Flexible during installation

Pits can be adapted to suit on-site conditions with standard tools

- > Overbuild over existing networks
- > Introduce duct entries for cable entry.

#### > Smooth outer walls with lip to 'key in'

Gaps in the outer wall will negatively impact the effectiveness of compaction around the pit. STAKKAbox™ pits have smooth outer walls and an outer lip which keys into the backfill.

#### > Flat pack option

Fortress can be supplied in 'flat pack' format to make shipping more efficient.



#### Highways

- > Motorway Communications
- > Drainage



#### Power & Energy

- > High Voltage power cable jointing pits
- > Low Voltage power cable link pits



#### Water

- > Valve pits
- > Telemetry pits



#### Rail

- > Telecommunications
- > Drainage
- > Buried Cable Routes



#### Telecommunications

- > Jointing cable pits