



Lift Shafts



- Bespoke size and configuration options, up to 6 storeys
- Simple and quick to install on site
- Construction is completed off site to minimise disruption
- Speed of construction and installation means the build programme remains on schedule
- Reduction in site problems during mechanical installation
- Reduced site labour and costs
- Reduced Health and Safety risks



Longley

Lift Shafts

All our lift shafts are bespoke products, designed and manufactured to the highest standards to suit client requirements. Our lift shafts are fully compliant with all the relevant safety standards and codes of practice. They can be designed for use with any lift manufacturer and any configuration.

Their modular composition means elements arrive on-site ready to be assembled – saving installation time, labour cost and minimizing health and safety issues – when compared to traditional construction methods. Our lift shafts are manufactured with a lift pit, door openings, lift cap and lifting beam – all in-factory tested.



Technical Information

Size and Configuration:

- Lift Shafts can be manufactured in 50 mm increments from 1500 mm x 1500 mm to 2000 mm x 3000 mm.
- Standard wall thicknesses are 125 mm or 140 mm, but can be increased as needed to meet design requirements.
- Manufactured to close tolerances (± 5 mm).

Loading:

- Lift shafts are designed to support lift equipment during installation, operation and maintenance.

Waterproofing:

- Lift pits are coated in layers of latex modified bitumen to protect against water ingress.



Installation / Stability:

- Lift shafts of up to 4 stories can be installed within a day.
- Lift shafts are designed as free-standing structures, but where 4 or more stories are specified, lateral restraint may be required at every 4th floor by tying back to the main building structure.

