

## THE PREFABRICATED VEHICLE PIT STORY

Premier Substructures benefit from the experience gained through Premier Pits, a sister company in the MBE Fabrications group.

Premier Pits have been producing and installing prefabricated vehicle pits for over 35 years, with approaching 3500 successful installations across the UK and Ireland.

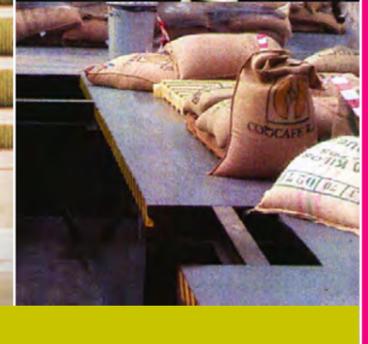
Much of the experience gained in the prefabricated pit business is now being used in substructures generally.

This includes: -

- Working with clients on design and producing CAD generated drawings
- Manufacturing, under factory conditions, Class 1 welded, watertight structures
- Transporting modules to site - often in one piece
- Quick and accurate installations in new build or existing floors - frequently in very difficult conditions



Visit [www.premierpits.com](http://www.premierpits.com) for more information on the Premier Pits success story.



# Premier® Substructures

TAKING BELOW GROUND OFF SITE

Premier Substructures is a division of MBE Fabrications Ltd

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# Premier® Substructures

TAKING BELOW GROUND OFF SITE

DELIVERING FAST TRACK SOLUTIONS

**THE PREMIER SUBSTRUCTURES PACKAGE**

Our involvement covers everything from original concept through to installation

- Concept
- Design
- Factory built
- Quality control
- Delivery
- Installation
- Site clearance

**THE GROWING USE OF PRE-FABRICATION ABOVE GROUND**

An ever increasing proportion of above ground construction is based around assembling factory made, pre-fabricated, components. This is bringing huge benefits in terms of cost, time and quality. The proportion of below ground level construction using factory produced components is tiny.

**BELOW GROUND DEVELOPMENTS**

Premier Substructures is a division of the MBE Group. Through their Premier Pits division MBE have been manufacturing and installing prefabricated vehicle maintenance and inspection pits for over 35 years.

There are now nearly 3500 Premier Pits installed across the UK and Ireland. The experience gained from manufacturing these pits is now being used across a wider range of below ground applications.

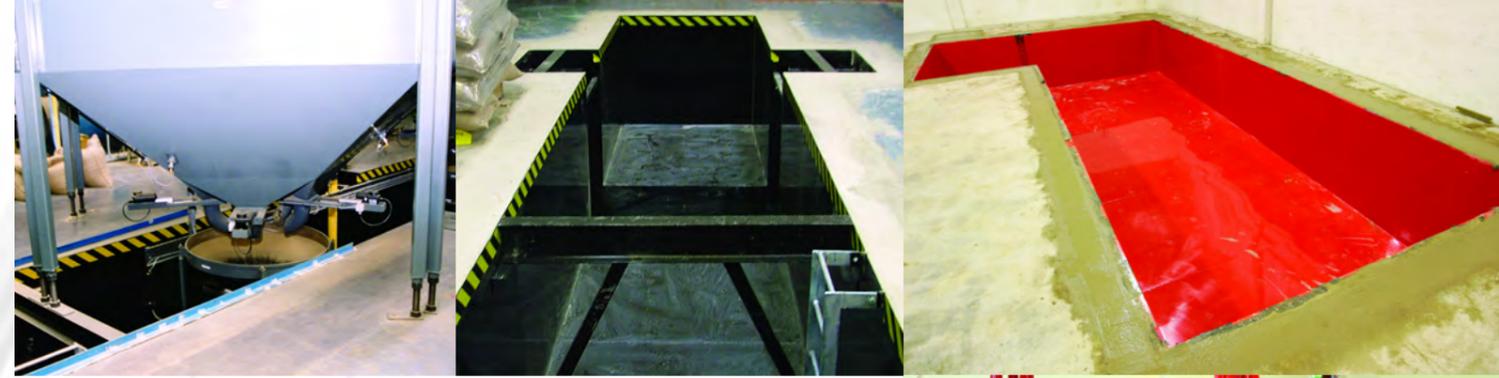
**MODULAR SUBSTRUCTURES**

Premier Substructures' modules are Class 1 welded under factory conditions to exacting quality standards. They are then transported to site where they are installed by Premier Substructures' own teams of skilled and experienced installers.

**APPLICATIONS**

Projects where the Premier Substructures approach has been used:

- Lift and escalator pits
- Machine foundations
- Baggage handling pods
- Materials handling facilities



**HOLISTIC BENEFITS**

When comparing off site prefabrication with traditional in-situ reinforced poured concrete, it is important to take a holistic approach that takes into account total project time and cost. Using Premier Substructures' approach rather than reinforced concrete can lead to on site savings of 50% or more.

**BENEFITS OVER REINFORCED CONCRETE**

The benefits over in-situ reinforced poured concrete include:

- Precision built off site
- Tighter tolerances
- More accurate costing possible
- Loadings easily calculated
- Time savings on site
- Reduced material on site
- Pre-fitted fixtures and accessories
- Water tight

**MATERIAL**

- Mild steel

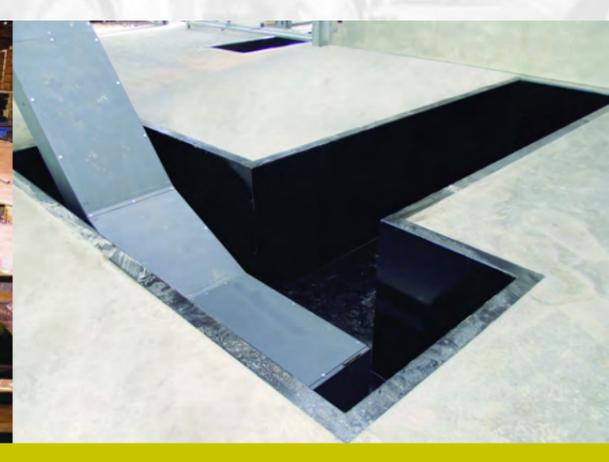
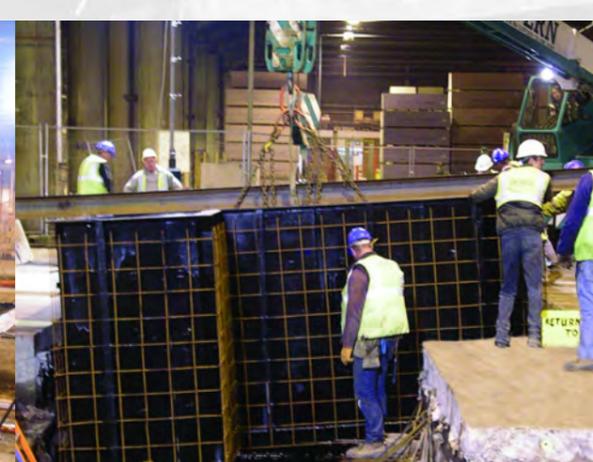
**FINISH**

- **Outside** - Pink one pack one coat 367 paint
- **Inside** - Polyurethane gloss as standard or to customer's own requirements.

**Premier<sup>®</sup> Substructures**



Installation by Reinforced Substructures  
Installation by Premier Substructures



Installation by Northfield Construction Ltd