PROJECT CASE STUDY • WASTE INFRASTRUCTURE




# 13 GRP access structures delivered in two weeks

SUEZ Waste & Recycling Centre • Southend

**CLIENT**
SUEZ Waste & Recycling Centre

**LOCATION**
Southend

**APPLICATION**
Platforms and access stairs

**SECTOR**
WASTE INFRASTRUCTURE

**DELIVERY**
PLAN / FABRICATE / CHECK / DISPATCH

**COMPLETED**
AUGUST 2026

PROJECT OVERVIEW

# High-volume fabrication for a compressed programme

The facility required five mobile platforms, four fixed platforms and four GRP stair structures rather than a single standard assembly. All 13 fabrications were completed, grouped and dispatched within a two-week programme.





## The access challenge

The brief combined several structure types in one production run and required consistent fabrication quality across the package. The waste-handling environment also made corrosion resistance, electrical non-conductivity and reduced maintenance important material considerations.

## Our approach

- Sequenced 13 structures across one workshop programme
- Combined standard GRP characteristics with bespoke fabrication
- Grouped and restrained completed units for transport

## Technical scope

SYSTEM
**5 MOBILE / 4 FIXED PLATFORMS / 4 STAIRS**

INTERFACES
**WASTE AND RECYCLING FACILITY**

MATERIAL
**NON-CORROSIVE / NON-CONDUCTIVE GRP**

PROGRAMME
**13 FABRICATIONS IN 2 WEEKS**



# Scale and speed without losing fabrication control

A mixed package of 13 access structures was completed and dispatched to the Southend facility within the agreed two-week window.

## Project outcomes

The workshop delivered five mobile access platforms, four fixed access platforms and four GRP stair structures. The completed systems were organised and loaded with support from David Watson Transport, protecting the fabricated package and making the large mixed delivery practical to move.

## Key benefits

- Production sequencing aligned across multiple structure types
- Mobile platforms, fixed platforms and stairs
- GRP selected for corrosion resistance and non-conductivity
- Fabrication, grouping and transport coordinated as one package



APPROVED TESTIMONIAL OR VERIFIED DELIVERY RESULT

**All 13 structures were completed and dispatched within the two-week programme for a returning client.**

Verified project result. No testimonial used.

TECHNICAL ASSURANCE

# Evidence-led project delivery

The project demonstrates how repeatable workshop processes can support bespoke GRP access equipment at volume while retaining control of quality, finish and coordinated dispatch.

## Project checks

- Structure schedule, dimensions and access requirements
- Platform and stair arrangement for each unit
- Guarding and stair components across the package
- Waste-facility corrosion and electrical considerations
- Fabrication quality and dispatch-readiness checks

## Evidence retained

- Structure schedule and production sequence
- Fabrication details for each structure type
- Workshop production and checking records
- Loading and delivery photography

*This completed-project story is not project-specific engineering advice. Requirements must be confirmed for each site.*

## Continue the technical journey

- Water and wastewater — grpexpress.co.uk/sectors/water-wastewater/
- GRP access platforms — grpexpress.co.uk/grp-access-platforms/
- How to specify GRP — grpexpress.co.uk/how-to-specify-grp/
- GRP standards — grpexpress.co.uk/grp-standards-specification/
- Assurance Centre — grpexpress.co.uk/assurance-centre/
- Technical support — grpexpress.co.uk/technical-product-support/
- Vital GRP specialist projects — vitalgrp.co.uk

## NEED A SURVEYED GRP ACCESS SOLUTION?

Share the site constraints, access requirement and programme with the GRP Express technical team.

**REQUEST TECHNICAL SUPPORT • DOWNLOAD CASE STUDY PDF**