

Relocatable Building & Location Case Manufacturing Capability: Urgent Timescales



Unipart Rail facilitated the design and implementation of the London Underground Neasden project by utilising Network Rail REB production techniques into London Underground ensuring a compliant and time critical delivery.

The four modular units were delivered and craned into position onto a pre made concrete pad in one night shift. The units were joined and sealed and made ready for use. Over a 4 month period 190 km of cable were installed in 300m of cable containment and 28,000 wire ends were terminated and tested, Carefully planned shift patterns were implemented to ensure that work was completed in line with the programme of works agreed with Thales, the Project Client and principle contractor.

The Unipart way Tools and techniques were deeply embedded into the processes to ensure the challenging timescales, quality requirements and standards were achieved.



Available from:
Unipart Rail, Gresty Road, Crewe, Cheshire, CW2 6EH, UK
T +44 (0) 1270 847600 F +44 (0) 1270 847601

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Modular REB Plug and Play



REBs supplied by Unipart Rail are designed to house signalling, telecommunications, UPS, CCTV and other systems. Designed and developed to IP65 standard as a robust low-maintenance environment, they are ideally suited for housing electronic equipment.

- Fully earthed with air-conditioned climate control system
- 3-point locking system against unauthorised access
- Ingress protection against dust and water to IP65 rating
- Lifting hooks fitted for ease of movement
- Built to customer specification, size and colour
- Cable entry points in floor and wall to suit cable types
- Manufactured from 1.5 mm platisol steel



- Signalling Relay Rooms
- Telecoms and radio applications
- Rectifier Enclosures
- Test Bays
- Computer Rooms
- HV and LV Switchgear Rooms

Contact for technical advice

Telephone: +44 (0) 1270 847708

Facsimile: +44 (0) 1270 847721

E-mail: technical.support@unipartrail.com

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Tomorrow's solutions today

Communications technology is developing at a rapid pace. However sophisticated it may become, one thing remains – the junctions through which information must pass securely.

Our suppliers have developed a diverse and dynamic range of innovative, value-for-money equipment buildings for the rail industry. Flexibility, innovation and an in-depth understanding of the marketplace are at the heart of our specially tailored solutions, backed by quality of design, engineering, manufacture and delivery.



Quality REBs for housing switchgear and telecom equipment

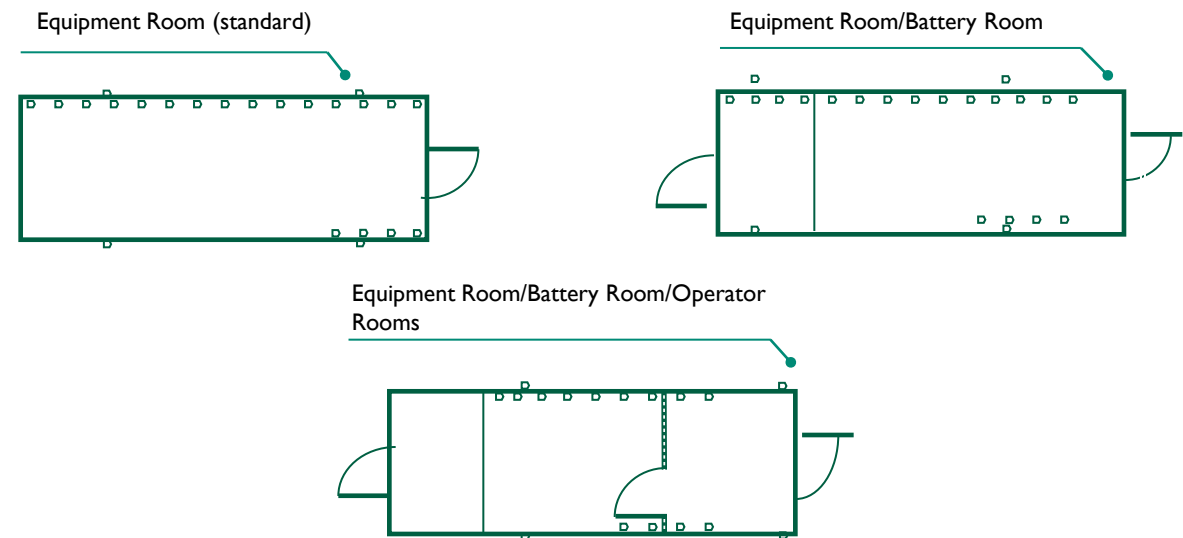
Specification

- Conforms to Network Rail BR 1615 Issue 'D' specification
- Exterior cladding HP200 British Steel Plastisol
- Steel underdrawing and fully galvanised steel framework to door base
- Strong steel composite wall panel structure
- Conforms to Building Regulations with full insulation
- High security steel door and frame

Benefits

- High spec design and build ensures long-life
- Steel construction with the full range of Corus (British Steel) colours and finishes guaranteed for 25 years
- Simple installation and relocatable
- Full climate control and insulated to British Standards
- Vandal resistant with high security
- Compliant with UK Building Regulations
- Industry Standard Link-up approved

Range of standard buildings



Features

- Forced ventilation or air conditioning systems
- Fire detection and suppression systems
- Optional electro-static access floor
- Heat management systems
- Intruder alarms
- Cable management systems

REB with Plug Coupler Room



Features

- Modular Plate manufactured and fitted out in a factory environment
- All couplers are MIL5015 meeting with Network Rail Standards
- Easy access to mating coupler with tail cables
- Supplied with a C of C & TC2 Certificate following continuity and megger testing
- No Cable entry holes inside of the equipment room.
- No problems with large cables and issues with bend radius
- Cable entry full width of the REB