



The modular GRP platforms at East Midlands Parkway received recognition at the 2009 National Rail Awards with a 'Highly Commended' award in the Innovation of the Year category. The Judges commented on the "impressive teamwork" demonstrated on the project and noted the wider potential for GRP applications elsewhere in the industry.

~ Birse Rail

CORROSION RESISTANCE

Long Life Expectancy

LIGHTWEIGHT

Reduced Installation Expense

SPEED OF INSTALLATION

3000m² of deck installation in 10 weeks

East Midlands Parkway Station Platform

Finished Installation



Creative's sister company, Redman Composites, teamed up with Birse Rail to provide an FRP solution to expand their rail platforms. They required a maintenance free system that could be installed in days, not weeks. Creative and Redman provided a turn key solution and provided the substructure and deck. The deck and structural profiles were pultruded in the USA, shipped to the UK and fabricated in Redman's state of the art fabrication facility.

The East Midlands project was designed to allow easier access to the East Midlands Airport, which serves commuters from Nottingham, Derby and Leicester, UK.

Creative's deck products are lightweight and arrive to the site with an integrated antiskid system, which meets OSHA and ADA requirements. The decking will not rust, rot or spall like traditional materials of construction.

Location Details
Ratcliffe-On-Soar

Span or Other Details
1 Platform 256m x 3.1m
1 Platform 120 x 3.1m
1 Tapered island platform 256m x 11m at widest

Profiles Utilized
SuperPanel PA004
Fiberglass Structural Profiles

Design Firm and/or Client
Birse Rail / National Rail



Installation

Note: Photos courtesy of Redman Composites