

With Department of Trade support, a testing rig has been designed and installed at GEOfabrics' laboratories to further develop and refine the performance of geotextiles and geocomposites beneath ballast.

The Company's products, have been proven as a robust filter/separator/drain between ballast and subgrade over a number of years.

The purpose of the rig is to carry out simulations in order to gain further data on the performance of geosynthetics so that purpose-made materials can be manufactured that extend track maintenance interval.

The hydraulic-powered ram actuators can be programmed to load the track dynamically to simulate anything from an empty passenger train to a fully loaded goods train, or an ultra-high-speed train of the future.

Trafficking frequency - ten times per day, once per week, can also be modelled.

For further information on this facility please contact info@geofabrics.com

