



Ercall Wood College, Telford



The Project

The soil stabilisation project called for an improved haul road for the new the college buildings whilst under construction. The existing road had become too wet and muddy for the transportation of construction and building materials. Following initial sampling and undertaking of a design exercise, TR Stabilisation proposed lime stabilisation to strengthen the haul road and turning circle.

The base of 1,800cu.m3 of haul road was treated with lime to achieve a CBR of 5% with 3,700m2 of the surface being treated with lime and cement to provide a stabilised capping replacement CBR of 15%. The material was treated by applying the binder to the surface using a tractor-towed spreader and then mixing-in using a Wirtgen WER2500S rotator. The material was then compacted, trimmed to tolerance and stone applied to the surface. The approach was fast and efficient with a tight project deadline being successfully met.



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Strengthening of wet and muddy haul road and turning circle for transportation of construction materials

For more information visit www.trstabilisation.co.uk

Benefits

- Effective strengthening of haul road and turning circle
- Fast solution that met tight project deadline



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Project details

Client:	Ercall Wood College
Project duration:	1 Week
Main contractor:	Shepherd Construction
Soil stabilisation contractor:	T R Stabilisation
Area stabilised:	4,000 sq.m.
Soil type:	Cohesive
Blend:	
Specialist plant:	Wirtgen WR2500s Rotivator