



Rock Barracks – Ministry of Defence

July 2016

Earthworks to reprofile and cement stabilise formation layer to achieve 3-4% CBR for the landing trial on the A400M

THE PROJECT

Reeds were asked to create a temporary soil runway to a design CBR of 3-4% allowing for the take off and landings trials for the new Airbus A400M. The works consisted of the re-profiling of surface formation to allow for surface run off.

HIGHLIGHTS of CONTRACT

- ◇ Dust free treatment process, minimising potential issues of dust in an aviation critical environment
- ◇ Provision of multiple machines to meet programme
- ◇ Provision of specialist supervisor to assist
- ◇ client’s daily and on-going decision process
- ◇ All earthworks completed using 2D Lasers over the length of the works
- ◇ Over 51,000m² of surface treatment to achieve 3–5% CBR
- ◇ Programme completed in 3 weeks



AIM / PURPOSE of OUR WORKS

To cement stabilised the formation layer to re-create the landing of the aircraft on a temporarily constructed runway in soft terrain. A mix design was quickly tested and established on site to recreate a live exercise in the theatre.

CONTRACT VALUE >£650,000

