

Case study Edinburgh Airport



Job title	Edinburgh Airport stand development
Main client	Edinburgh Airport
Our client	VolkerFitzpatrick
Completion	August 2017
Contract type	NEC 3 Option B

Project brief

Edinburgh Airport created expansion plans to create more aircraft hardstanding areas, and upgrade the existing taxiways to accommodate evolving aviation technology and an increasing number of larger aircraft.

Toppesfield provided main contractor, VolkerFitzpatrick, with surfacing services to facilitate the project.

Delivery

- The original surface course material specified by the client could not be manufactured with locally-sourced aggregates. Toppesfield used its expertise and experience from its previous project at Gatwick airport to resolve this. After taking into account its client's requirements, the company suggested an AC10 BBA surface course product that it had used at Gatwick and put to work the same team that had delivered the successful project— ensuring the same great results at Edinburgh.
- There could be no disruption to the active airport— work took place during night shifts; possession working between 23:30 and 05:30.
- Ten to twelve operatives per shift. Toppesfield facilitated training for its operational staff to gain a permanent security clearance and airside driver training, which meant they did not require escorting on site— enabling a more efficient delivery.
- Typical tonnage per shift: 120t Binder course, 100t Surface course
- Off-site batching plant

Achievements

- No disruption
- All Toppesfield's own plant and equipment
- Accident-free
- Four week mobilisation period



Toppesfield responded quickly in facilitating training for staff that would increase operational efficiency and turn-around time.



Experience and expertise from a previous project at Gatwick meant Toppesfield could propose the best alternative surface course solution, mobilise an experienced team, and provide the best solution, based on its client's needs.



Night shifts meant 'business as usual' for the busy airport.

