

8. Material Use

HIGHLY COMMENDED Project Shakleton – Falkland Islands Runway Resurfacing Project

Client: Defence Infrastructure Organisation
Designer: Mott MacDonald | Contractor: Colas

DESCRIPTION: The project entailed rehabilitation works of the airfield pavements and Aeronautical Ground Lighting at Mount Pleasant Airfield (MPA), Falkland Islands. MPA forms part of Mount Pleasant Complex (MPC) and is the most recent purpose-built airfield in the RAF estate. Along with its military role, MPA also acts as the Falkland Islands' only international airport. Through actions such as minimising material use, material storage, minimising waste, sub soil and top soil management, the project scored 100% in this section of the CEEQUAL Assessment.



ACHIEVEMENTS: Locally sourced aggregate production – avoiding the import of 30,000 bags of aggregate from an overseas supplier; Aggregate storage plan was produced with consideration of the prevailing winds expected in the Falklands Islands; The re-use of material eliminated any waste and further reduced the quantity of virgin aggregate (bedding sands) that would have been imported from the UK.

JUDGES' QUOTE: *The team worked hard to avoid importing materials from overseas. These efforts included challenging the specification to promote resource efficiency and to enable local materials to be utilised. This included the use of a significant amount of secondary aggregates, which in turn eliminated waste from the project.*



[Sharon Gratton, CEEQUAL]

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