



# Port Lincoln Airport Apron and Taxiway Development

*Pavements to withstand the loadings of 74 seat Q400 Aircraft*

<b>Client</b>	District Council of Lower Eyre Peninsula (DCLEP)
<b>Location</b>	Port Lincoln, South Australia
<b>Contract Value</b>	\$1.82 Million
<b>Completion Date</b>	May 23, 2013

## Project Description

- As part of the Port Lincoln Airport upgrade works, Bardavcol were engaged to construct a new taxiway and apron to align with the newly constructed airport terminal.
- The 720mm deep pavement was specifically designed to withstand the loadings of the 74 seat Q400 aircraft in use by QantasLink on the Port Lincoln—Adelaide route.
- The taxiway also involved the construction of a 225mm deep concrete slab. In accordance with the aircraft pavement specification, this slab was 40 Mpa design strength, was unreinforced and poured with a target slump of 30mm without the aid of super plasticiser. This was also undertaken as nightworks.
- The aircraft specification basecourse material was challenging to construct due to its course grading and very hard stone.



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