



**High performance cost effective solutions for airports**

## Jordan, rehabilitation of southern runway

- Product:** GlasGrid® 8502+Sealoflex® fixing coat (GridSeal® system)  
**Construction period:** 2004  
**Quantity:** 47,000 sqm  
**Location:** Queen Alia International Airport  
**Layer structure:** 180 mm Sealoflex® Surface course  
GlasGrid® 8502+ fixing coat  
Old PCC pavement

The application of an asphalt overlay at an existing PCC slab pavement is always a challenge for pavement engineers, because of the reflective cracking phenomenon from the existing slab joints.

In this project the pavement with 7.5 slab sizes have been overlaid using GlasGrid® asphalt reinforcement and Sealoflex® polymer modified asphalt. Although an application directly at the concrete surface is normally not recommended, no problems occurred during the construction.

The pavement structure is performing very well with only very limited cracking at some locations on the taxiway.

