



CASE STUDY

Project name: Oban International Airport
Client: Argyle & Bute Council
Contractor: As above
Site: Oban International Airport
Nr Oban, Scotland
Project: New apron - 3500m², seal to MOD 035
standard to obtain CAA License
Product/s used: Qseal
Date: 2007



Problem:

The client was keen to secure its revised CAA license and to do this the whole area had to be sealed to MOD 35 to achieve the CAA sign off before commercial flights could begin.

Oban is very exposed and is one of the UK's highest rainfall areas. At least 3 days dry weather was required during November to seal the paving. 80% of the paving had been laid for over 5 months so detritus had filled up many of the chamfers.



Weatherquest identified the only realistic dry window which coincided with a Scottish bank holiday. Consequently final preparation of the paving by the contractor to include detritus removal and joint resanding did not get completed prior to our arrival. At the last minute, the client signalled a potential postponement as the site was not ready for QSS treatment as agreed in the contract.

Solution:

QSS got the client to provide a tractor mounted rotating brush first thing Saturday morning. QSS prepared the paving, removed all joint detritus and ensured all chamfers were correctly sanded to spec. This took all day on a very wet Saturday. QSS rotary brushed the paving for the whole of a fortunately dry Sunday and by 4 pm the paving was finally ready to seal. The job was completed on time. The application rate was increased by 10% to counteract any over-damp sand.

Benefits:

- Protection against effect of jet engines on block paving.
- Airport was sealed to MOD spec 035 standards.
- Calibrated application negated the need for CAA to test penetration depths.
- When plane locator anchor rings were fitted later the average sealing penetration was confirmed at 20mm.

Client was delighted and "impressed with the finish". They described the sealer as "ideal for the situation" and our work ethic as "second to none." Client delighted to refer/recommend QSS for any other similar work.