



Charnwood Airfield Case Study

Type: Floor Sealer
Sector: Aviation

Charnwood Airfield

The customer operates a small fleet of light aircraft used for pleasure trips; Private Pilot License (PPL) tutoring and early stage Commercial Pilot Licence (CPL) training.

The existing concrete, installed two years previous 'dusted' when trafficked, which created issues with the instruments and controls on the aircraft.

We specified our Duraseal. Duraseal is a UV stable two part polyurethane floor sealer, designed to penetrate into the surface of concrete floors and create a heavy duty protective coating.

Method:

We used a twin head stand up grinder to prepare the floor surface throughout the main area, and handheld 9" diamond grinders for the perimeter edges. All equipment was attached to a 3 motor vacuum to ensure minimum dust and disruption.

We then used the droplet test to ensure the surface of the concrete was open enough to receive an in situ resin floor finish. The droplet absorbed into the concrete slab as we hoped so we proceeded to application.

Two coats of the Duraseal resin floor sealer were applied to ensure a uniform, even appearance. We left 24 hours between coats to allow the first coat to cure.

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No matter how many times we swept the floor and cleaned the aircraft, the dust just kept coming back. We've used floor paint ourselves before and seen how easily it can peel up if not done properly, which is why we asked Vuba to come and have a look.

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We have been using the floor for some time now and it's still in perfect condition. The floor does not produce any dust and we're very happy with the appearance. Well done Team Vuba!

Tim Robbins, Charnwood Airfield

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Area: 800m² of Duraseal

Aircraft Hosted: 8

Days to Completion: 3



vubaflooring 

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