

Hard wearing Belzona grip system installed on an airport walkway

ID: 8247

Industry:
Application:
Substrate: Concrete
Products: * Belzona 5811 Immersion Grade ,
* Belzona 9221 Surefoot White Aggregate ,

Customer Location: Glasgow
Application Date: November 2013

Problem

Downtime was an issue for the airport, the onsite contracting team could only take possession of the area for 3 days to complete the application. The walkway led to a terminal area that was in use during the application - strong smelling solvented coating systems would be very undesirable.



Photograph Descriptions

- * Belzona 5811 during application ,
- * Barriers keeping traffic away from the area ,
- * Belzona with aggregate applied ,
- * Cured system ,

Application Situation

A walkway leading to an airport terminal had bare concrete installed. The area was expected to experience very high pedestrian & luggage trolley traffic. This bare concrete was deemed to be causing a slip hazard when rainwater was brought in from outside on trolleys & passenger's shoes. A hard wearing & aesthetically pleasing grip system was required for the walkway.

Application Method

The walkway was barriered off & the concrete was prepared using a floor grinder. Belzona 5811 was then applied as a two coat

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FS 695214
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system over the floor area. Belzona 9221 Surefoot aggregate was then applied ontop to provide positive traction for trolleys & pedestrians. Due to the low temperatures at that time of year & the limited downtime available external heating was used to warm the substrate & coating to force cure it in a short space of time.

Belzona Facts

The application was completed and cured within the 3 day window requirement. Belzona 5811 Immersion Grade is non sovented and gave off no odors during the application, the meant there was little disruption to the airports adjacent operations. The system has now been in continuous service with heavy traffic for over 6 years with very limited wear.

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