

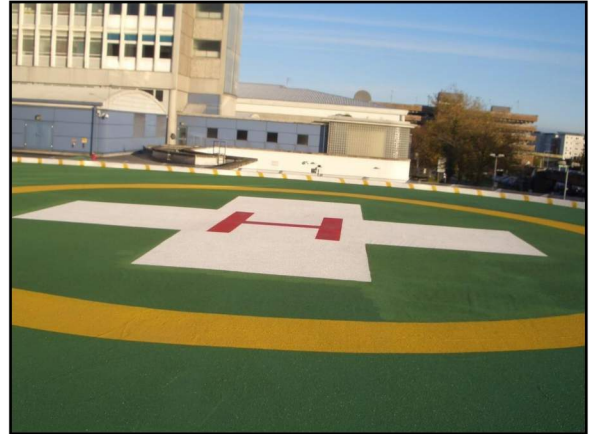


UHW: Helipad

SYNOPSIS

Thortech were commissioned to resurface the helipad at the University Hospital of Wales, one of Wales' largest and busiest hospitals with over 1,000 beds.

The project involved shot blasting, repairs to concrete and the instalment of the Traffideck surfacing system.



BRIEF

The previous helipad paint system was failing and the concrete beneath was damaged. The Thortech team were called in to repair and resurface the area, to allow for the safe landing of helicopters and transportation of patients to the building.

Thortech proposed Traffideck, a system which comprises of several layers. This material includes a waterproof system to protect the concrete beneath, an anti-slip system to ensure safe helicopter landings and transportation and a heavy duty top coat incorporating several colours to provide identification of the landing area. This particular type of system has proved to be hardwearing and extremely durable in the toughest of offshore environments.

PROCESS

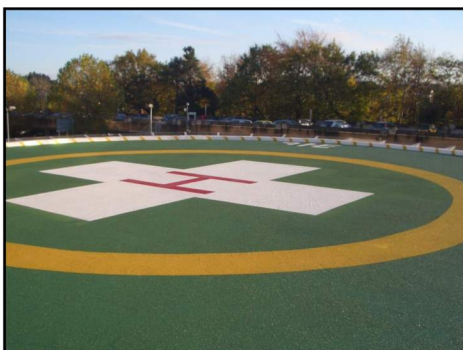
Prior to application of the E4 FC Primer, the 550m² concrete surface was enclosed shot blast to remove any remaining old surfacing and to clean up the concrete. The E4 FC Primer then received Chelford 30 Quartz to give the wearing course a good key. Repairs were also made to several damaged concrete areas using an E4 FC Epoxy Screed.

Traffideck Grip 4000X was then applied and dressed with a 12 Mesh Dynagrip aggregate to provide the anti-slip finish. Following curing, the loose aggregate was removed and an industrial 2 part Epoxy paint was applied to give colour and seal the aggregate.

The previous design and colour scheme was replicated to avoid confusion. With material to spare, Thortech also refreshed the walkways to the building, ensuring the whole of the access area was completed.

OUTCOME

All work was finished on time and on budget, with minimum disruption to hospital operations. The helipad now continues to provide for safe and efficient emergency transport to the hospital.



Find out more about our helipad surfacing services:
<http://goo.gl/6oHo35>

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