



ShieldCrete®



Barajas Airport - Madrid, Spain

Permanent Concrete Protection



BEFORE

A major problem at any airport is contaminated and stained concrete of the concrete aprons at the hardstand areas where large airplanes are parked, refueled and serviced ready for the next flight.

Barajas Airport – the main international airport of Madrid, Spain has to date used conventional chemicals which only treat the surface and leave all embedded contamination in the concrete capillaries to emerge again over time.



AFTER

Spray-Lock SCP 743 was used over three successive applications to lift out the vast majority of this embedded contamination through its Calcium Silicate Hydrate (C-S-H) reaction within the concrete when applied into the concrete capillaries.

SCP purges, then locks up the concrete by filling the capillaries (rather than by just 'blocking' the capillaries) stopping further contamination ingress.



This allows the concrete to have contamination removed off the surface easily and remain looking like a clean concrete pad.

By also strengthening and densifying the concrete ShieldCrete® SCP-743 also provides a superior and rapid concrete cure. Eliminating surface cracking and slab curl problems.



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