

# King's Cross station

Case study 2012

**Focus products:** Intercrete® 4802, Intercrete® 4850, Intercrete® 4841

**Location:** London, United Kingdom

**Project owner:** Network Rail

**Contractor:** Laing O'Rourke / Costain JV

**ISO12944 environment:** C3

## Background

Newly constructed plant rooms required a permanent waterproofing system in this busy London Station. The waterproofing had to be completed in time to allow heavy machinery to be installed in the room. The Client chose the Intercrete range for the job for its ease of use, ability to be applied on green concrete and fast curing properties. Intercrete 4850 was applied to prevent out-gassing and a fillet was installed around the perimeter with Intercrete 4802. Intercrete 4841 was then laid at 2mm thickness and sand was broadcasted into the surface to give it a slip resistant finish.



## The solution

Within a space of four days the slab was cast and waterproofing completed in rapid time frame, with heavy machinery installed before schedule.