



## Emirates Stadium, London

Contractors	Various
Location	Emirates Stadium, London
Architects	Populus
Products	KEIM Concretal Lasur



One and certainly a landmark in stadia, is the new Emirates Stadium, the home of Arsenal Football Club. The stadium was the catalyst for an integrated urban planning exercise to regenerate a deprived and under-utilised area close to the Highbury Stadium. The regeneration has involved building 2,500 new homes including key worker and social housing, with the Emirates Stadium as a focal point for the community, set in an urban park with the public plaza around the perimeter.

The 60,000 seat, state-of-the-art stadium features a glass plank façade at podium general access areas, steel mesh screens which overlap the exposed concrete of the vertical circulation cores, and a metallic under clad roof which seemingly floats above the seating bowl.

Keim Concretal Lasur was chosen to protect the low level exterior concrete surfaces of the new stadium.

Keim Concretal Lasur is a low pigmentation colourwash system which can overcome problems whilst retaining the natural look and feel of the concrete. It acts as a stain which penetrates the concrete surface and forms a chemical crystalline bond to provide a longlife 'invisible' solution. The colour and degree of opacity can be specified to achieve the precise effect required. This recreates a highly stable silicate structure which resists acid and alkaline attack and is inherently non-combustible ensuring extreme longlife performance. Keim Mineral Paints are also environmentally friendly being VOC free, waterbased, give off no unpleasant or toxic odours and use only natural earth oxide colour pigments.

They also provide anti-carbonation treatment by preventing water penetration even in the most severe exposed locations whilst at the same time allowing the free passage of vapour out of the substrate and helping to prevent the passage of carbon dioxide into the concrete, thereby ensuring longlife protection.

The Emirates Stadium is a landmark in the regeneration of the area and will retain its prestige appearance for many years in a small part with Keim Mineral Paints – themselves in a league of their own.

