

Project review

# Eastgate Shopping Centre, Inverness



# Triflex

Delivering solutions together

The Eastgate shopping centre in Inverness serves the largest shopping catchment in Europe, and has over 60 stores as well as 1,350 parking spaces in its existing three level, multi-storey car park.

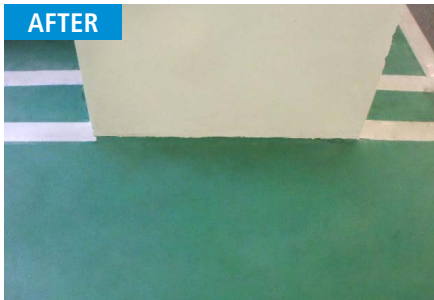
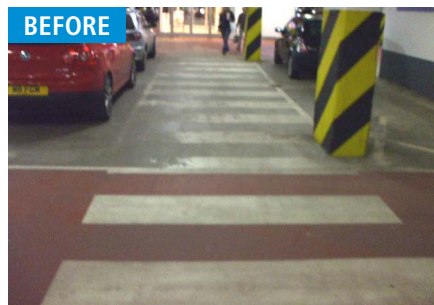
Over many years, high volumes of traffic had carried chloride-containing road de-icing salts into the car park, resulting in corrosion of the reinforcement and deterioration of large areas of the concrete decks.

In order to repair and enhance the car park decks, 12,500m<sup>2</sup> of concrete had to be removed and replaced; the top 60mm layer over two of the three car parks levels. The car park decks were then replaced using a fibre reinforced concrete, and once the structural repair works were complete, a Triflex cold, liquid applied water resistant, protective

coating system was installed in order to prevent future deterioration of the concrete.

The robust Triflex DCS-C system was used to overhaul the car park as the solution is applied in a simple, rapid 2 stage process and is extremely fast curing even at low temperatures, which was essential as the majority of the works had to be carried out at night with the decks ready to be trafficked the next morning.

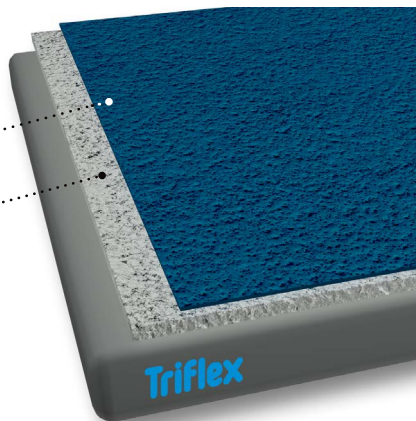
Triflex DCS-C is also available in a wide range of colours, which provided the client with an aesthetically pleasing, safe and secure car park environment for its users.



## Triflex DCS-C system

Finish

Self priming coating layer



- Exceptional durability
- Totally cold applied
- BS EN 1504 compliant
- Water resistant
- Exceptionally rapid curing even at low temperatures
- Abrasion and impact resistant
- Resistant to: de-icing salts, petrol, diesel, battery acid etc
- Wide variety of colours and finishes

## Project details

- **Project:** Eastgate Shopping Centre
- **Address:** Inverness, UK
- **System:** Triflex DCS-C and Triflex DCS-C Ramp
- **Completed:** November 2011
- **Scope of work:** Multi-storey car park refurbishment