

FLOORING THAT STANDS THE TEST OF TIME: DECKSHIELD ID AT DEIRA CITY CENTRE

15+
years old*



► In 1999, 32,000m² of the solvent free polyurethane car park deck coating system Deckshield ID was applied within the Deira City Centre's parking facility – and it is still in use today five years after its guarantee expired!

The floor finish in its car park has remained seamless, colourful and crack free despite the fact that this location is one of Dubai's busiest

retail centres. It was imperative that the 20 million annual visitors to the Deira City Centre experienced a car park that meets the highest possible standards for appearance and functionality.

One and half decades of continuous use is an incredible achievement for a multi storey car park coating due to the large number of heavy vehicles moving

across the surface and exposure to corrosive automotive oils.

The durability of the Deckshield ID finish in the Deira City Centre can be attributed to several key factors. The full polyurethane formulation of this system makes it incredibly hard wearing and long lasting in comparison to hybrid systems that combine a polyurethane topcoat with an



epoxy primer. The epoxy primer in hybrid systems is rigid and therefore makes it more prone to failure than the polyurethane primer of Deckshield, meaning that Deckshield is better able to withstand deflection within the slabs or decks of car parks caused by intense multiflow traffic.

This innovative design is combined with a thick system build up that ensures a sufficient amount of resin content is applied to resist the heavy, continuous traffic and to avoid early

deterioration and delamination of the system.

The operators of the Deira City Centre mall have diligently followed the correct cleaning and maintenance regime as prescribed by Flowcrete Middle East, which has helped the floor to retain its aesthetic and functional properties over such a long period of time.

The benefits of the Deckshield ID system's long service life is not just that it has provided a

high-standard experience for the venue's many visitors, as it also means that significant life cycle savings have been achieved. This is thanks to the fact that Deira City Centre has not had to spend any time, money or effort refurbishing or repairing its car park floor. ■

*This project was completed in 1999 and the photos have been taken when the floor was 15 + years old.



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