

Press Release
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Flowcrete Soars at Major Project at Mumbai International Airport's Terminal 2

Flowcrete has been involved in a major construction project at Mumbai's Chhatrapati Shivaji International Airport, which has seen a second terminal, Terminal 2 (T2), built on site in order to cope with huge increases in aviation traffic.

The new four-level terminal sits on an impressive 439,000 square metre plot and can accommodate over 40 million passengers annually. The structure has been applauded for its ability to combine state-of-the-art design and architecture with infrastructure and operational efficiency all the while ensuring environmental sustainability recognised through its LEED® GOLD Certification.

For many travelling to and from Terminal 2, the adjoining multi-storey car park may be the first and last point of contact with the airport. Featuring nine levels (three underground and six over) and over 5,500 parking bays for a mixture of cars, electric vehicles and scooters, the parking facility represents one of the country's largest operational car parks.



Flowcrete India is part of the global resin flooring company Flowcrete Group, which has its headquarters in Sandbach, Cheshire. Following a rigorous tendering, evaluation and trial process, it was Flowcrete's polyurethane car park coating system [Deckshield ID](#) that was selected for application across all of the facility's intermediate decks with a second system, Deckshield UV specified for peripheral areas exposed to direct sunlight.

[Deckshield](#) is a flexible, crack-bridging and chemical resistant polyurethane traffic deck coating range, which has been specially formulated for car parking structures. Deckshield systems are extremely low in VOC content and provide a durable, watertight and hardwearing finish designed to protect the concrete structure.

The material was installed by Flowcrete's licensed applicator network in a phased project spanning over seven months and involving a 150-strong workforce. One of the greatest challenges throughout the installation process was the surface preparation phase. As it was not viable to lay a screed in order to level the substrate, rigorous efforts were needed to ensure the concrete slab was smooth enough to receive the Deckshield materials.

In total, 154,000 square metres of Deckshield ID and 7,500 square metres of Deckshield UV were installed on site, representing one of Flowcrete's largest projects in India to date. The material was laid in a range of colours including dark grey on drive ways and light grey on parking bays with coloured navigational markings and signage using Flowcrete's Deckshield Linemarker.

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