

Gatwick Airport MSCP 3

GATWICK, WEST SUSSEX

TREMCO
Lasting Performance

Client

BAA

Completed

2005

Systems used

TREMCO MMA Rapid
Cure Flexible System
& Linemarking System

Coverage

20,000 m²

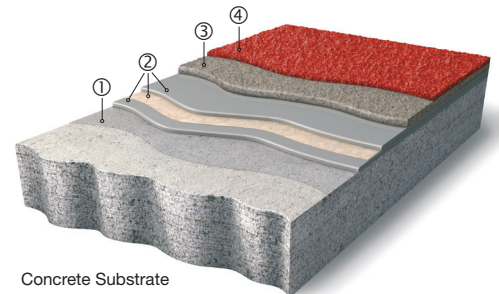


The four internal decks of MSCP 3 at the short-stay parking at Gatwick Airport South Terminal were coated with TREMCO's MMA Rapid Cure Flexible System as part of a major refurbishment.

Decades of road de-icing salts being trafficked into the structure had led to high chloride levels in the concrete leading to reinforcement corrosion and concrete deterioration. Extensive concrete repairs were carried out followed by electro-chemical remedial measures. This involved installation of an impressed current cathodic protection system to the lowest two levels, where the chloride levels were highest and application of a surface applied migratory corrosion inhibitor to the upper two levels.

Following the concrete refurbishment works, the deck coating systems were applied throughout.

The project was winner of the 2005 BPA 'Best Refurbishment' Award.



Concrete Substrate

Standard System Build-Up Example

1. CP150 Concrete Primer
2. CP360 MMA Flexible Membrane
CP581 Reinforced Polyester Fleece
CP360 MMA Flexible Membrane
3. CP215 MMA Flexible Base Coat
with Aggregate Blind
4. CP930 Coloured Sealer Coat