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**Case Study**
**Car Parks**

Client | Isle of Man Government
Role | Principal Contractor

# Town Centre MSCP
## Drumgold Street MSCP, Isle of Man

### SCOPE
∥ Deck Waterproofing
∥ Linemarking
∥ Car Park Hardware

### DETAILS
∥ Town centre car park
∥ 3,500m² waterproofing to top deck and external ramps
∥ Replacement car park hardware, barriers & pay on foot machines
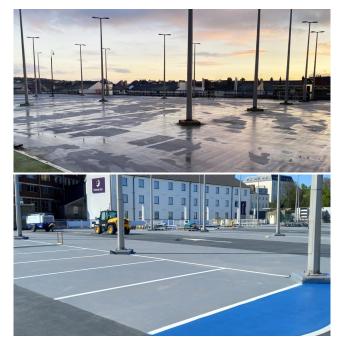
# Case Study // Car Parks

**Client** | **Isle of Man Government**
**Role** | **Principal Contractor**

**Before:** Dark & Unwelcoming Environment





**After:** Light & Bright mprovements

**The scope of this refurbishment was to replace the existing waterproofing system on the exposed top deck which had come to the end of it's serviceable life.**

The existing deck was last replaced in 2001 and had become very worn and shrinkage cracks were evident on the deck with ponding water also being an issue, especially to the pedestrian areas. These issues were allowing water ingress to penetrate through the top deck to the lower levels of the car park and the Marks & Spencer units below.

**Before:** Water Ingress Into Retail & Car Park Levels Below





**After:** Fully Protected & Watertight Decks

The 104 spaced top deck and external ramps were mechanically removed via planing machines with built in dust extraction and damping down techniques back to the in-situ reinforced concrete substrate. Sone 3,500m2 were waterproofed using Sika's fully reinforced RB58 deck waterproofing system with the ponding issue being alleviated with the resin system. All line marking and directional instructions were reinstated with car park hardware, barriers and pay on foot machines installed.

Due to the location of the project, it was the responsibility

**During:** Application Of Fully Reinforced Waterproofing





**After:** Aesthetically Enhanced

of Cemplas to organise the delivery of all plant and materials required. Some 40 tonnes of material was delivered via ferries to the Isle of Man.

The project was programme sensitive and had to be completed in time for the Isle of Man TT racing event, it was completed on time despite additional works and weather delays.

**For further advice and/or information regarding ALL of our service, please visit www.cemplas.co.uk.**

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