

# Marina Bay Sands Resort

**SCP 327 provides a permanent solution against chloride ion and environmental attack.**

Singapore's Marina Bay Resort stands tall as one of the most impressive properties in the world.

The three hotel towers are covered by the breath-taking SkyPark that extends out over the structure and supports three massive infinity edge swimming pools, two restaurants, and a garden with unparalleled views of Singapore. Sands Casino Corporation decided to use SCP 327 to protect its investment in the new SkyPark.

SCP 327 was selected as the waterproofer for this project to protect it from ongoing chloride ion penetration. Since it was applied at time-of-placement, SCP 327 also acted as the curing medium prior to surfacing installation. As a result, foot traffic was allowed on the concrete surface 1 hour after treatment and full construction traffic after the concrete achieved its design strength.

SCP 327 penetrates into the concrete capillary and pore structure; therefore, damage to the waterproofing system due to construction traffic is unlikely unless the concrete itself is damaged.

SCP 327 densified, strengthened and hardened the newly placed SkyPark concrete and provided an ongoing solution for the reinforcing steel by protecting against chloride ion penetration into the concrete, and reducing reinforcing steel corrosion potential.

This iconic and beautiful resort now has SCP protecting its underlying concrete for the lifetime of the structure.

## **SCP 327 Benefits:**

- Waterproofs new concrete
- Deters development of corrosion conditions
- Eliminates the need to remove curing membrane prior to coatings or coverings
- Provides a permanent barrier against chloride ion penetration & environmental attack

