



Chlorine Plant

Johannesburg, Gauteng
South Africa
April 2025

Client's Challenges

- ❖ **No protective coating** on the steel structure was able to **withstand** the **aggressive chemical degradation**.
- ❖ Due to the hazardous nature of the chemical, shutting for **hot work** was **not desirable**.
- ❖ **Downtime** was a critical factor.



SI-Coat 579

Traffic White

A sample coating of SI-COAT 579 was applied in the most aggressive part of the plant.

3 Months After Coating

No degradation after three months.



10 Months After Coating

After 10 months, the coating appears to be in the same condition when first applied.

- ✓ Minimum downtime.
- ✓ No hot work required.
- ✓ No primer required.
- ✓ No top coat required.
- ✓ No hardener required.

