Hopper

Durban Harbour,
KwaZulu-Natal
South Africa
May 2024

The problem

Bulk loading sends shock and vibration through the hopper wall.

The old epoxy was rigid and could not move with the steel. It cracked, and salt air from the harbour reached the steel underneath.

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The fix

Loose rust, cracked epoxy and dirt came off with hand and power tools. There was no blasting and no primer.

A stripe coat went on edges, welds and bolts, then one full coat of Si-COAT 579 CM.

Meanwhile the port kept working, with no hot work needed.

Si-COAT 579 CM

ANSI grey

Application 18 – 20 June 2024



3 Months After Coating

27 September 2024

The result

After three months of daily bulk loading, the coating shows no cracking, blistering or corrosion. The hopper is still in service under the same loading.

Si-COAT 579 CM is made by CSL Silicones and supplied across Southern Africa by Technical Solution Supplies. www.tssupplies.co.za

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