

Concrete Mixer

Durban, Kwazulu Natal

South Africa

May 2024

 **Métier**
MIXED CONCRETE

CM 118



Technical Solution
Supplies

Reg # 2021/561569/07

Client's Challenges

- **Hardening of concrete** especially around the Hopper area.
- Hardened concrete **removed** by **impact tools** and/or acidic water mixture.
- These processes **damage** the **coating** and structures on the concrete trucks.
- **Maintenance costs** are **high** due to regular cleaning and repainting of the concrete trucks in these areas.



Picture of Impact Damage



Product Test

Damaged Trough Test

- Ease of application
- Acid resistance
- Concrete adhesion resistance



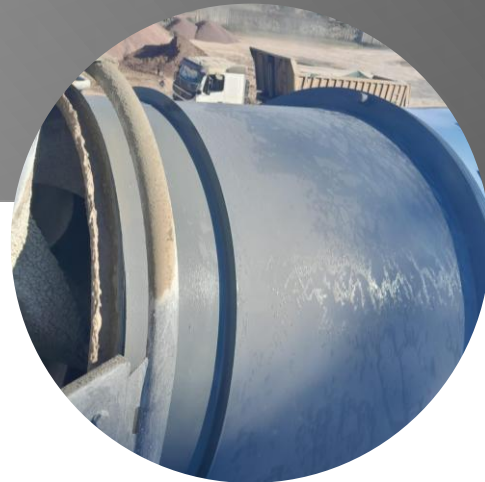
SI-COAT 579

Ansi Grey

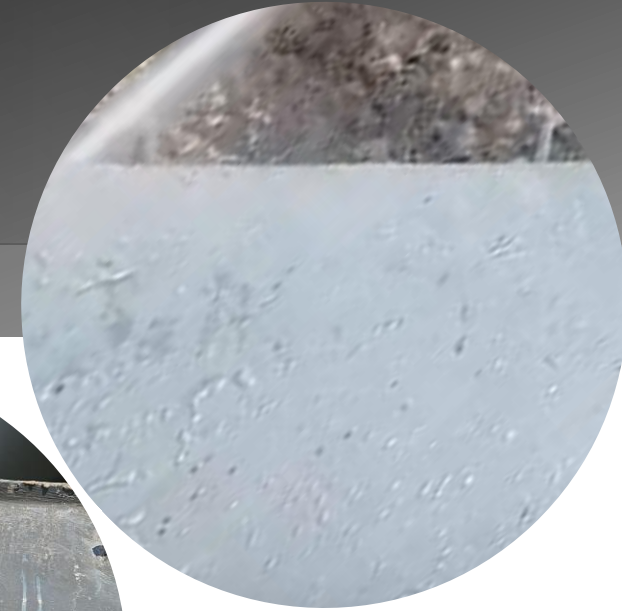
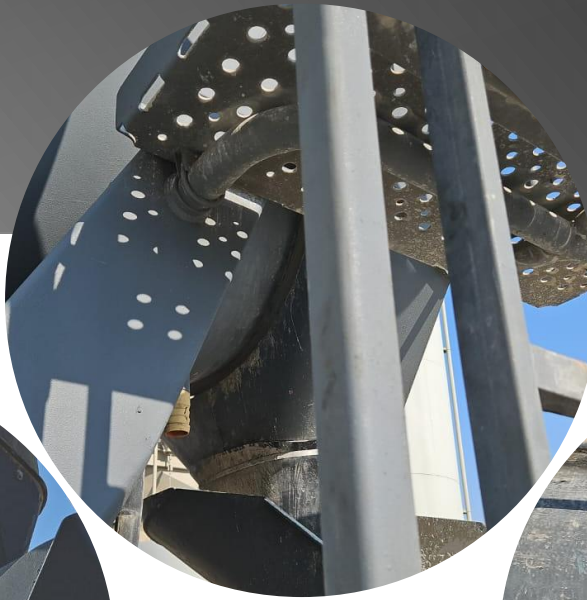
After the successful test of the damaged trough the application of SI-COAT 579 was applied to the hopper end of the concrete mixing truck.

3 Weeks After Coating

After 3 weeks it was clear to see that there was no concrete adhesion to any parts that were coated with silicone coating SI-COAT 579.



12 Weeks After Coating



After 12 weeks of continuous work no clear damage could be seen on the coating due to the concrete. There were no visible signs of hardened concrete other than on the outside of the trough, and this was easily removed with a high-pressure cleaner.