



CASE HISTORY

Sunflower Oil Reservoir Preservation

PROBLEM

The customer needed to remove rust and prepare the surface of sunflower oil reservoirs in order to protect their exteriors from corrosion. Sand blasting or water blasting as mechanical methods of surface preparation were forbidden. Because of that, the customer need a rust converter and paint primer to prepare the surfaces without using restricted mechanical activity in the zone of the reservoirs.

APPLICATION

After removing any loose rust with a wire brush, all steel surfaces were washed with high pressure water and VpCI®-414.

Power washer settings:

- Pressure: 10-15 bars
- Temperature: 30-40°C (86-104°F)

After removing loose rust and cleaning/degreasing, VpCI® CorrVerter® was applied by brush and roll at 70-80 DFT microns. VpCI® CorVerter® drying time was 12 hours before applying topcoat.

The paint system:

- Rust remover and primer coat: VpCI® CorVerter®
- Middle coat: 2K epoxy MIOX DFT 150 µm
- Top coat: 2K enamel DFT 60 µm

DATE

September 2016

CUSTOMER

Helios Company

CORTEC® REPRESENTATIVE

CorteCros Ltd.

LOCATION

Gnjilane, Kosovo

PRODUCTS

VpCI®-414

VpCI® CorVerter® Rust Primer



CONCLUSION

Cortec® solved the surface preparation problem and proved the compatibility of VpCI® CorrVerter® with epoxy and enamel coating made by another producer. The customer was very satisfied with VpCI® CorrVerter® and Cortec's economical and effective products.

