

BELZONA PROTECTS RUBBER PIPES AT WWTP FROM UV ATTACK

ID: 681



PROBLEM

UV attacks the rubber over a period of time causing it to degrade and eventually become brittle.

APPLICATION SITUATION

Flexible rubber transfer pipes on digester

APPLICATION METHOD

Application carried out in accordance with a modified version of Belzona System Leaflet VPF-12.

BELZONA FACTS

This application has provided protection on similar pipes for more than 10 years. The life of unprotected pipes was 3-5 years.

INDUSTRY

Water / Wastewater

LOCATION

Wastewater Treatment Plant, BC, Canada

APPLICATION DATE

August 2004

PRODUCTS

Belzona 3211 (Lagseal)

Belzona 3921 (GSC Conditioner)

SUBSTRATE

Rubber pipe with stainless steel flanges

PHOTOS

1. Preparation of flexible hoses in progress. All pipes are tightly wrapped with a polythene film to prevent bleed through of the pitch from the rubber component.
2. The flanges are ground and coated with Belzona 3921 GSC Conditioner.
3. Application of Belzona 3211 in progress. Belzona 9311 Reinforcement cloth is incorporated into the 1st coat.
4. Completed application.

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