

CORROCOAT



Case study: **Plasmet ZF** for pipe-bridge

Structurally dangerous pipebridge restored to 'as new' condition.

Client

Water & waste industry, UK.

Application date

1992.

Scope of work

A full structural survey was carried out, revealing that extensive repair work was required. Corrocoat carried out this repair schedule, and fully corrosion protected the bridge to ensure extended maintenance free life for the future.

Products

Corrocoat's POLYGLASS, PLASMET ZF and PLASMET ZX.

Substrate

Mild steel.

Coating system

- Grit blast to ISO 8501-1 cleanliness standard SA 2½.
- All joints encapsulated using Corrocoat's Polyglass material.
- Total structure and externals of the pipe were treated to two coats of Plasmet ZF and a top coat of Plasmet ZX.

Coating credentials

In 1999 Corrocoat went back to the pipe-bridge to ascertain the success of the refurbishment work and assess the performance of the coating systems.

The coating was still in excellent condition ensuring the bridge will remain structurally sound for many years.

Photographs

Left: [Pipe-bridge before refurbishment.](#)

Middle: [Lower chord to vertical joints after grit blasting.](#)

Right: [Job completed, bridge fully refurbished.](#)