

THAMES BARRIER SITE – LONDON. This structure is maintained by a UK Government Department, the Environment Agency's Engineering and Maintenance Department. The Agency is encouraging actively the introduction of environmentally friendly processes and materials.

1. Environmental conditions

Varied aggressive environmental conditions which include cold, damp, still air underground conditions.

2. Surface conditions

Two types of galvanized surface with both excessive and little or no zinc salts on the surface were selected to be treated in two ways. One part of the area was to be dry bristle brushed and degreased, the second area was to be abraded to show bright metal with a roughened zinc surface.

3. Results of evaluation

“Based on the findings of twelve month field trial, it is clear that a recommendation can be made to the Environment Agency, that the repainting of the pipeline systems in the service tunnels can be carried out using ACTAN GS. This treatment is satisfactory for new and oxidised zinc surfaces and is a totally environmentally friendly low VOC product for the confined space application for this project”.
The Steel Protection Consultancy Ltd.

