



# Field Report

**Customer / Project information** North Cornwall District council - Fish Ponds

## Project Overview



To provide a waterproof lining to the leaking fish ponds

## Industrial Customer

Bridge Mill Engineering / North Cornwall District Council

## Project Location

Wadebridge, Cornwall

## Applicator

LINE-X Cornwall  
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## Lining Formulation

LINE-X Acuaurethane Rapid, 100% Solids Polyurea Sprayed On Lining System.

## Lining Application System

Graco EXP2, Heated, High Pressure With Fusion Gun.

## Substrate

Resin Coated Cement Render



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### Situation Overview:

The fish ponds were severely leaking resulting in the increase of the water bill by £10,000 per quarter. The leak could not be detected at one single point so a full lining system was required. As this is the third time in as many years that North Cornwall District Council has had to re-line the ponds a guaranteed long term liner was now required.

This job had to be treated with urgency as the Koi Carp couldn't be kept in the small retaining tanks for very long.

### The Solution

LINE-X Acuaurethane Rapid was chosen due to its high impact, tear & stretch properties, Also Certified for Potable Water Containment.



The substrates were pressure washed to remove grime & lose debris then allowed to dry, The substrate was then scuffed up with wire brushes to gain a key. LINE-X SF5-15 (CFC, VOC & Solvent Free) primer was applied by spray & allowed to cure. LINE-X Acuaurethane Rapid was then applied to a minimal thickness of 3mm.

We chose to go a bit further & encapsulate the waterfalls in LINE-X as this removed the danger of the ponds leaking from these areas.

The job took 10 hours to complete, With the fast cure times (tack free between 3-5 seconds & full cure hardness in 24 hours) these ponds were filled & re-stocked with fish the following day.

