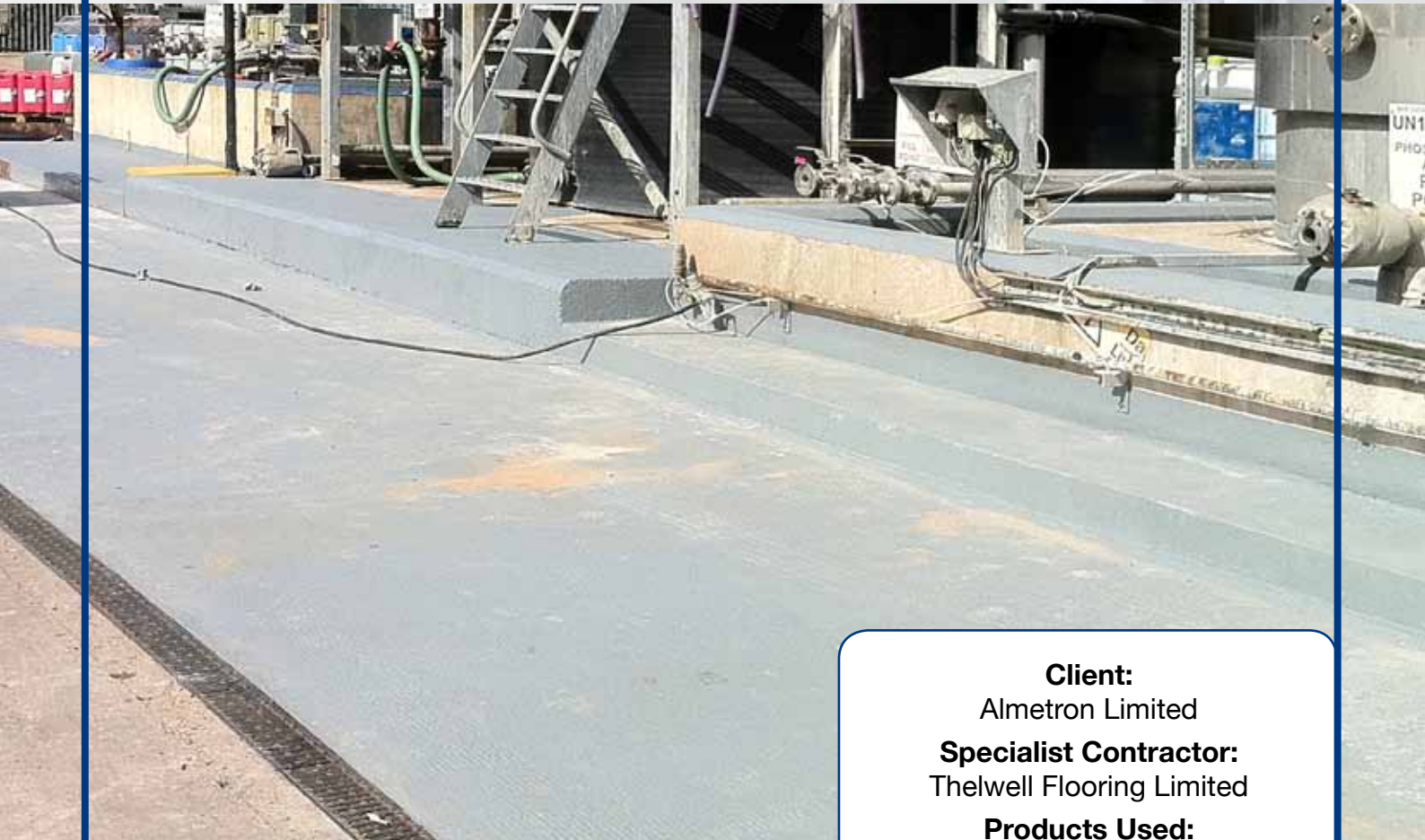


# NCC Resin Flooring

[www.resinflooringsite.co.uk](http://www.resinflooringsite.co.uk)



**Almetron Limited,**  
Wrexham, North Wales

**Client:**

Almetron Limited

**Specialist Contractor:**

Thelwell Flooring Limited

**Products Used:**

Atako VE Resin Systems

**Contact:**

**NCC Resin Flooring**

**01257 266696**

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## Case Study

Almetron produce specialist chemicals at their plant in Wrexham, North Wales, where all manufacturing is undertaken with great consideration for the environment. However the necessary production processes involve the handling, storage and use of several aggressive chemicals, such as concentrated Phosphoric Acid ( $H_3PO_4$ ), which is also particularly aggressive to concrete.

The Almetron engineers therefore wanted a proven, watertight, tough, durable and highly acid resistant, protective lining system, capable of protecting all the concrete floor and wall surfaces in their chemical tanker off-loading and handling areas. The existing concrete surfaces had deteriorated and been damaged by acid attack, which had to be removed and repaired prior to the new surface treatment being applied. Thelwell

Flooring were the experienced specialist contractors appointed to carry out all the repair and protection works.

Thelwell used high pressure water-jetting and mechanical blastcleaning to get back to sound concrete, then the damaged areas were repaired and the surfaces returned to line and level using Atako rapid hardening VE mortars from NCC. The Atako VE coating systems were then built-up as required to protect all of the concrete floor surfaces, as well as on all the walls, plinths and sump areas. Atako VE resin systems are based on vinyl ester resins, which provide extremely high chemical and mechanical resistance – especially to strong acids.



**NCC**