

Case Study 08: Tower Bridge, London

Tungum® tubing is installed in the Bascule Chamber of the Tower Bridge, London

The Challenge

One of the most iconic structures in London & recognized around the world is Tower Bridge.

The hydraulic systems were totally revamped some 20 years ago in an attempt to bring the antiquated bridge lifting & lowering mechanism into the 21st century.

Tungum Alloy tubing was the material of choice to ensure a further hundred years of trouble-free hydraulic operation.



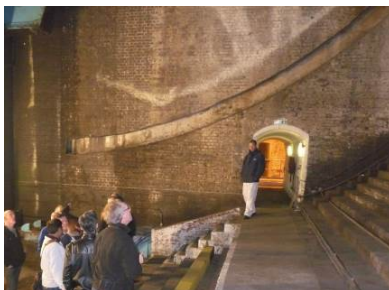
The Tungum Solution

The fact that Tungum has superior corrosion resistance in high humidity applications and extremely good fatigue properties makes Tungum an ideal choice.

You can imagine the heavy loads and stresses that go through the bridge's structure and mechanics.

With the constant vibration of London's busy traffic rumbling overhead our Tungum Alloy tubing is an ideal choice for this type of application.

When fatigue and corrosion resistance are key to ensure the safe operation of one of our nation's favourite landmarks, Tungum steps up to the mark once again.



The Result

Tungum tubing installation is performing brilliantly with no reported problems for over 20 years!