

**Leviat®**



# **Ancon®**

**Special Fabrications  
in Stainless Steel**



November 2020

# Leviat

We imagine, model and make engineered products and innovative construction solutions that help turn architectural visions into reality and enable our construction partners to build better, safer, stronger and faster.

**Leviat is a world leader in connecting, fixing, lifting and anchoring technology.**

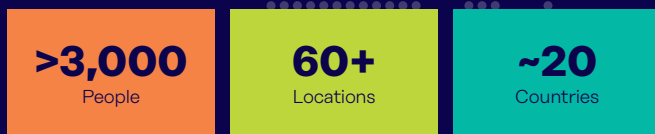
From the build of new schools, hospitals, homes and infrastructure, to the repair and maintenance of heritage structures, our engineering skills are making a difference around the world.

We provide technical design assistance at every stage of a project, from initial planning to installation and beyond.

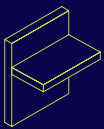
Our technical support services range from simple product selection through to the development of a fully customised project-specific design solution.

Every promise we make locally, has the commitment and dedication of our global team behind it. We employ almost 3,000 people at 60 locations across North America, Europe and Asia-Pacific, providing an agile and responsive service worldwide.



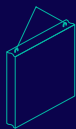


**Our areas of expertise:**



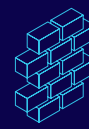
**Structural Connections**

Systems to form robust, efficient connections, and continuity of concrete reinforcement as necessary, between walls, slabs, columns, beams and balconies, providing structural integrity as well as enhanced thermal and acoustic performance.



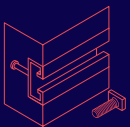
**Lifting & Bracing**

Systems for the safe and efficient transportation, lifting and temporary bracing of cast concrete elements and tilt-up panels before permanent structural connections are made.



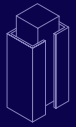
**Façade Support & Restraint**

Systems for the safe and thermally-efficient fixing of the external building envelope, including brick and natural stone, insulated sandwich panels, curtain walling and suspended concrete façades, and also the repair and strengthening of existing masonry installations.



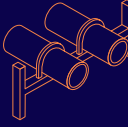
**Anchoring & Fixing**

Systems for fixing secondary fixtures to concrete, including anchor channels, bolts and inserts; also tension rod systems for roofs and canopies.



**Formwork & Site Accessories**

Non-structural accessories that complement our engineered solutions and help keep your construction environment operating safely and efficiently, including moulds for casting standard and special concrete elements and construction essentials such as reinforcing bar spacers.



**Industrial Technology**

Mounting channels, pipe clamps and other versatile framing systems that provide safe fixing in a wide range of industrial applications.

**Leviat product ranges:**

Ancon | Aschwanden | Connolly | Halfen | Helifix | Isedio | Meadow Burke | Modersohn | Moment | Plaka | Scaldex | Thermomass

# Special Fabrication in Stainless Steel

## Examples of Our Fabrication Work Tunnelling & Infrastructure

Project References:

- Brisbane North-South Bypass, Australia
- City West Cable Tunnel, Australia
- Perth City Metro Rail Tunnel, Australia
- Clyde Tunnel, UK
- Dartford River Crossing, UK
- Channel Tunnel Rail Link, UK
- Waterloo International Terminal, UK
- Thessaloniki Metro, Greece
- Plabutsch Tunnel, Austria
- Gotthard Tunnel, Switzerland
- Horburg Tunnel, Switzerland



Decorative Bridge Cappings and Bracketry. *Project: Channel Tunnel Rail Link, UK (Contractor: Carillion)*



Tunnel Ceiling Suspension Systems



*Project: Brisbane North-South Tunnel, Australia (Contractor: LBB JV, Engineer: Bilfinger Berger)*

Tunnelling & Infrastructure



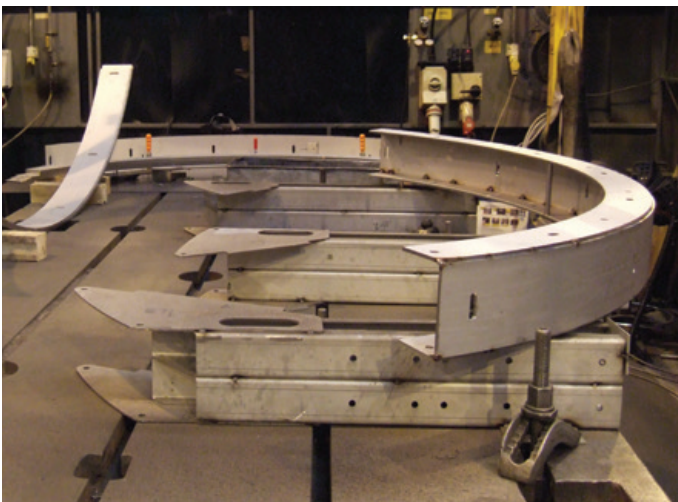
Components of Architectural, Fire-Resistant Tunnel Linings and Support Systems



Tunnel Linings. *Project: Clyde Tunnel, UK  
(Contractor: Byzak, Engineer: Faber Maunsell)*



*Project: City West Cable Tunnel, Australia (Client: Energy Australia, Contractor: Thiess, Engineer: Maunsell/AEcom)*



Cable Support Systems



*Project: Carlton Cable Tunnel, Australia  
(Client: Energy Australia, Contractor: The Abergeldie Group, Cable Support Engineering: Leviat)*

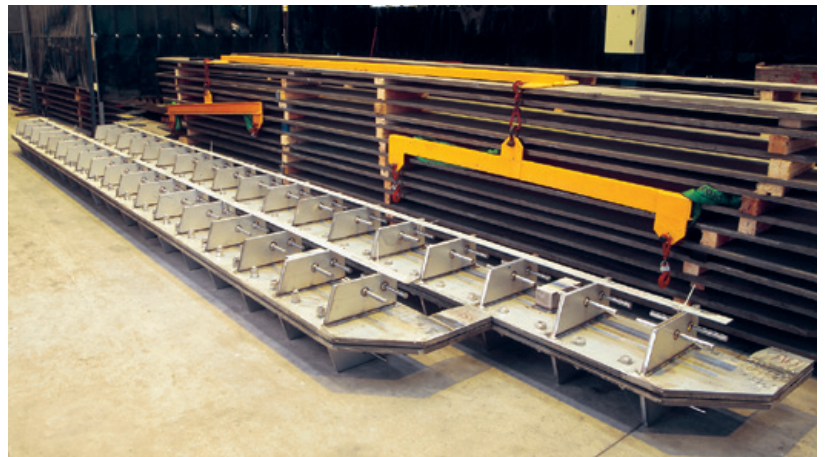
# Special Fabrication in Stainless Steel

## Tunnelling & Infrastructure



Project: Waterloo International Terminal, UK

Maintenance Walkways. Project: Perth Metro Rail, Australia (Contractor: Leighton Kumagai JV)



Road Deck Endplates. Project: Dartford East Tunnel, UK (Contractor: Kvaerner/Skanska)



Engineered Reinforcing Bar. Project: Cradlewell Bypass, UK (Contractor: Alfred McAlpine/Carillion)

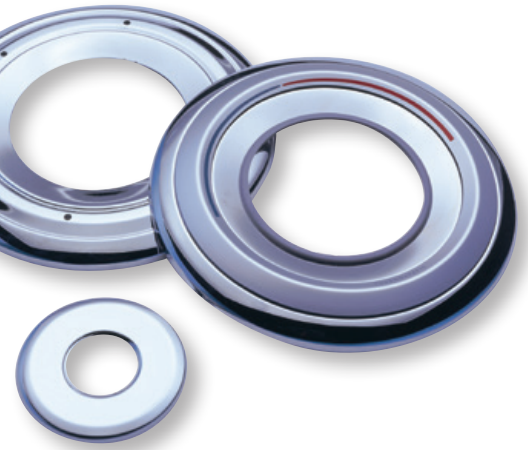
Marine & Water Treatment



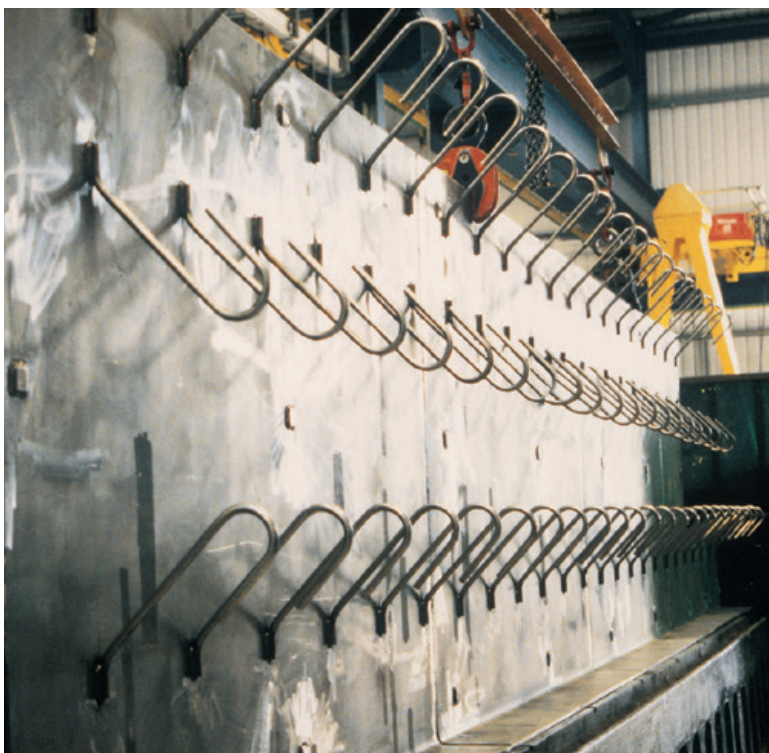
Pressure Tanks



Aesthetic Presswork



Sewage Flow Control Systems



Dock Gate Endplates. (Client: Ministry of Defence, UK)



Access Walkways and Ladders

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Ancon.com.au

**Concrete Floor Jointing products:**

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Connollykeyjoint.com  
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Isedio.com.au

**Remedial Masonry products:**

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**Imagine. Model. Make.**

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