

# Strataflex Case study

## Albany Lakes Art Bridge



In 2008, 300 m2 of Stratflex was used to ensure a fracture free installation of the Albany Lakes Arts Bridge. Since then , no cracks have appeared in the stone or grout joints.

Albany Arts Bridge presented several technical issues. The bridge movement, coupled with the natural stone tiling meant that there needed to be a flexible solution to avoid cracking of the stone and grout. **Protective Surfaces** provided a comprehensive solution.

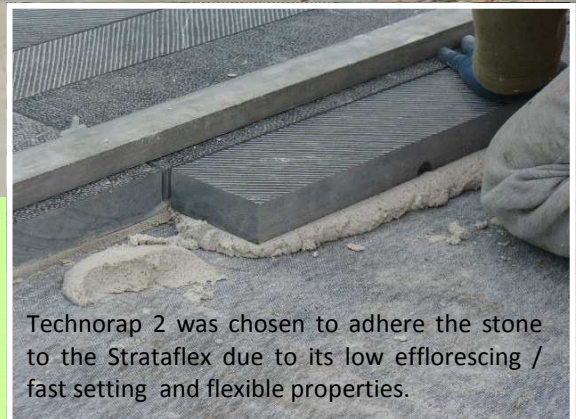
**Strataflex** anti-fracture was applied directly to the bridge to ensure that a lateral movement of up to 10mm was allowable.

**Technorap 2** from **Technokolla** was then used to adhere the large format limestone to the **Strataflex**. This high spec C2 / S1 adhesive exhibits high flexibility and its fast set nature allowed for a timely grout application.

Efflorescence was effectively eliminated due to the isolation of the substrate by the **Strataflex** and the minimal salt content in the adhesive.

Stone areas were then sealed using **Fila** Products.

- **Main Contractor:** NZ Strong
- **Strataflex Applicator:** Trask Waterproofing
- **Stone Sealer:** Fila Hydrorep / Filafob
- **Sealing contractor:** Mayostone
- **Tiler:** Best Tilers



Technorap 2 was chosen to adhere the stone to the Strataflex due to its low efflorescing / fast setting and flexible properties.

