

22 Project Profile

Principal Contractor:
*Abigroup Leightons
Joint Venture*

Westlink M7 – Orbital Ring Road, 40km dual carriageway, 17 interchanges, 38 overpasses and a 40km shared cycle/pedestrian pathway

The Powers Fasteners 10 mm Mushroom Head Spikes were used throughout the project for fastening galvanized steel plates covering expansion joints and concrete seams.

The Mushroom Headed Spikes were selected in both Mechanically Galvanized steel and Stainless Steel and provided an aesthetic smooth appearance with the added benefit of being Vandal proof. The High Tension and Shear strengths achieved with 10 mm Spikes plus the fast speed of installation ensured the designer's criteria was met.

A 10mm diameter hole in the concrete was drilled through the pre-punched clearance holes in the cover plate and Spikes driven in.

Fast to install with considerably higher load capacities to that of competitors mechanical expansion anchors Powers Spikes proved once again that the designer's choice can be the installers favorite.

The Spike range covers various diameters and head styles with both Countersunk, Tie-wire versions used extensively through out the project as well.



14,000 Mushroom Head Spikes were used.
Product Code: MH383 (10mm x 75mm) and
MH384 (10mm x 100mm).