



Multiplate Structures



CSP Pacific Multiplate structures are designed and manufactured based on AS/NZS 2041:2011 Buried Corrugated Structures so they can be specified and installed with confidence.

In comparison to other materials, Multiplate structures provide better strength to weight ratios, allowing comparatively lightweight material to withstand very high dead loads and traffic induced live loads. Contractors are not confronted with the problems of transport and on-site breakage and disjuncting due to movement.

The versatility of Multiplate structures is only limited by engineering inventiveness. Traditionally they are used for culverts, bridges, storm drains, pedestrian and stock underpasses. Other non-traditional uses are mine and tunnel portal protection, conveyor housings, water tanks, underground storage facilities and even wineries.

The following sections of AS/NZS 2041:2011 apply:

- Part 1 Design Methods
- Part 2 Installation Methods
- Part 6 Bolted Plate Structures



Cost Benefits

A Multiplate structure installation can provide many material and labour cost advantages.

- » Fast, economical job completion.
- » Due to the light weight of the plates (less than 150kg) assembly costs are low.
- » Can be pre-assembled off site to reduce inconvenience and costs to maintaining existing services.
- » No structural or coating damage during transportation, handling and storage.
- » Range of profiles to suit most situations.
- » Very economical in projects with high levels of fill.



More information on **Multiplate Structures** can be found at www.cspacific.co.nz or call **0800 655 200**

Leading road side and barrier systems supplier

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Columns



Multiplate



Retaining



Hire



Barriers



Traffic Control