

# CASE STUDY

## Gabions and Rock-Mattresses



Gabions and Rock-Mattresses are baskets or cages manufactured from heavily galvanized wire, and also with the addition of a PVC sleeve coating on the core wire. PVC coated wire gabions and mattresses are particularly suited extended life is harsh and corrosive environments. The unique feature of contemporary gabions, rock-mattresses and Rock Fall Netting is the double-twist hexagonal woven mesh. The mesh provides inherent strength and flexibility, yet if a wire is cut or broken the mesh cannot “unravel”.

Gabion and rock-mattress structures are porous to prevent build up of hydrostatic pressure and are able to withstand differential settlement.

### Applications

- Retaining walls
- Weirs and drop structures
- Culvert protection
- Wing walls
- Bridge abutment protection
- Channel lining
- Chutes and spillways
- Landscaping
- Rockfall protection netting (mesh)
- Erosion control and stabilization.

Concrib offers a complimentary design advise and budgeting service. Contact Concrib for if you have queries.

### Need a rock-mattress or gabion?

Talk to the experts at Concrib. We have the knowledge and experience to tackle a variety of earth stabilisation, and construction projects.

Please contact us on (07) 3375 1800, or visit our website at [www.concrib.com.au](http://www.concrib.com.au) to see more examples of our work.

