

## Civil Construction

### ECOBOND GS60

When added to trench backfill materials, ECOBOND GS60's unique properties allow full compaction with much fewer passes than is normally necessary. This reduces labour and equipment costs and effort, leading to a reduction in fatigue related injuries and equipment wear and tear.

Once the soil is compacted, ECOBOND GS60 will cure and bond the particles of soil together. This mitigates issues related to subsidence particularly when trenching through transport corridors such as roads and rail, where subsidence leads to costly maintenance such as asphalt patching or resurfacing being required.

Deploying ECOBOND GS60 soil stabilization trench compaction is relatively simple, and provides an alternative to traditional stabilized products such as flowable fill, cement stabilized sand, and lean-mix concrete. It can be carried out using small utility vehicles, from drums or even personal sprayer units.

### Benefits

Compared to conventional construction processes, ECOBOND GS60 soil stabilization trench compaction offers:

- Maximum compaction with minimum effort
- A flexible, strong backfill across wet and dry climates and temperature extremes
- Immediate cost benefits from reduced labour and equipment requirements
- Environmental protection - ECOBOND products are non-toxic, have a low carbon footprint and reduce erosion and environmental impacts
- Improved Safety - reduces the risk of future potholes and unstable road surfaces

### Applications

- The best solution for trench compaction.