

Uses of Geosynthetics

1. Road Construction

- Separation
- Reinforcement
- Filtration
- Drainage

2. Erosion Control

- Soil Stabilization
- Slope Protection
- Coastal Erosion Prevention

3. Waste Management

- Landfill Liners
- Leachate Collection
- Cap Covers

4. Water Management

- Canal Linings
- Reservoir Linings
- Pond Liners

5. Soil Reinforcement

- Retaining Walls
- Embankments
- Steep Slopes

6. Drainage Systems

- Subsurface Drainage
- Pavement Drainage
- Sports Fields Drainage

7. Containment Systems

- Secondary Containment
- Agricultural Ponds
- Industrial Lagoons

8. Railways

- Track Bed Stabilization
- Subgrade Improvement

9. Airports

- Runway Reinforcement
- Taxiway Construction

10. Agriculture

- Soil Erosion Control
- Irrigation Canal Linings