



EXTRUDE GEOGRID



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AREA OF USE

- Ground Improvement in Highway and Railway Fillings
- Filling Stabilization in Geowall Projects
- Improvement of Soil Fillings
- Slope Stabilization
- Ground Improvement in Fill Dams
- Ground Improvement in Building Foundations



Increasing Bearing Capacity of Soil

GEOGRID is a geosynthetic produced from raw materials with high tensile strength such as polyester, polypropylene, etc. and has different elasticity coefficients.

Extrude Geogrid's connection points are self-generated and high tensile strength in connection points creates an advantage against other grids.

It ensures equal distribution of high pressure coming from top by undertaking tensile load and using between ground fillings. In this way, it avoids uneven positioning of filling material and increases bearing capacity of soil. Particularly by locking the filling material in the size of gravels by means of its cells, it decreases filling thickness. It has filling separation feature in applications made with different filling materials. Because of its high elasticity, it is not cracked under high pressure.

Extrude Geogrid is preferred and widely used in ground improvement, retaining walls, tensile load resulting from sliding in high filling productions, and grounds with low CBR.

Once Extrude Geogrid is used with geotextile in a laminated way, it both increases the resistance of geogrid and has filtration ability.