QWIK GUIDE:
GEOFOAM (GEO-TECHNICAL EPS)

UNIQUE CREDENTIALS

Dyplast has over fifty years of development and manufacturing experience with its GeoFoam product line and applications. Dyplast GeoFoam is produced as a large expanded polystyrene (EPS) rigid foam block, typically used as a light-weight/high-strength structural replacement for soil in geo-technical projects or as structural alternatives in applications such as stadium seating and swimming pool foundations in hi-rise hotels. Just a few examples include:

- road & highway base
- bridge approaches
- loading docks/ramps
- airport runway bases
- rail/track foundations
- embankments
- slope stabilization
- stadium seating
- large-scale landscaping
- golf course terracing
- swimming pool foundations
- pool decks
- noise and vibration abatement
- buried pipeline base
- dams and backfill

Dyplast GeoFoam is highly moisture resistant and will not rot, mold, erode, or settle when properly designed and installed. Dyplast GeoFoam additionally has excellent insulating qualities, low hydraulic conductivity, and excellent strength and deformation properties that complement natural soil behavior. Dyplast GeoFoam is approximately 1% of the weight of most sandy and/or average moisture soils, and is particularly advantageous in applications where proper soil alternatives:

- are not available
- where settlement and/or erosion are of concern
- where leaching may be problematic.

UNMATCHED QUALITY/DELIVERY

Dyplast GeoFoam has been tested by independent laboratory (RADCO Report No. RAD-4826) to meet the compressive resistance requirements of ASTM D6817 “Standard Specification for Rigid, Cellular Polystyrene Geofoam”. Dyplast Geofoam is available in a range of densities from 1 through 2.0 lb/ft^3 to meet varied demands for structural integrity and cost effectiveness, and can be provided in blocks up to 20 feet long, 48 inches wide, and 40 inches thick to optimize the engineering/construction process.

Dyplast’s high production capacities, on-hand inventories, and just-in-time deliveries generate advantages for end-users while lowering per-unit costs. Down-stream cutting and fabrication capabilities include CAD and CNC equipment that can achieve unmatched flexibility and tolerance in blocks or smaller pieces of virtually any size and shape.

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RELY ON DYPLAST EPS!