

GEOFOAM FILL

Geofoam fill is lightweight, thermally-fused, expanded polystyrene (EPS) beads. It has applications as lightweight fill for structures, slopes and highway embankments. GME has provided engineering design and geotechnical services for various geofoam projects in the Upper Midwest. We would be pleased to discuss the benefits of using geofoam on your upcoming projects.

Geofoam Fill Contact

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RIGHT: *A slow-moving, creep landslide had impacted a portion of the County Trunk Highway "A" in Bayfield County, Wisconsin, for over 20 years. The effects of the landslide on the highway required continued maintenance and patching of the roadway. The movement was finally stabilized by the partial excavation of the soil fill and replacement with geofoam at the head of the landslide. This reduced the driving movement of the slide mass and halted the soil movement, allowing permanent reconstruction of the road.*

BELOW: *For a supermarket at Gateway Center in Chicago, Illinois, final grading plans required raising the site about 10 feet. Since the area was underlain by about 50 feet of soft Chicago clay, this would have caused excessive settlement if conventional soil fill were used. Over 13,000 cu. yds. of geofoam fill was placed to "float" over the soft compressible subsoils, allowing the building to be constructed on shallow footings on a thin layer of granular fill directly over the geofoam.*



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