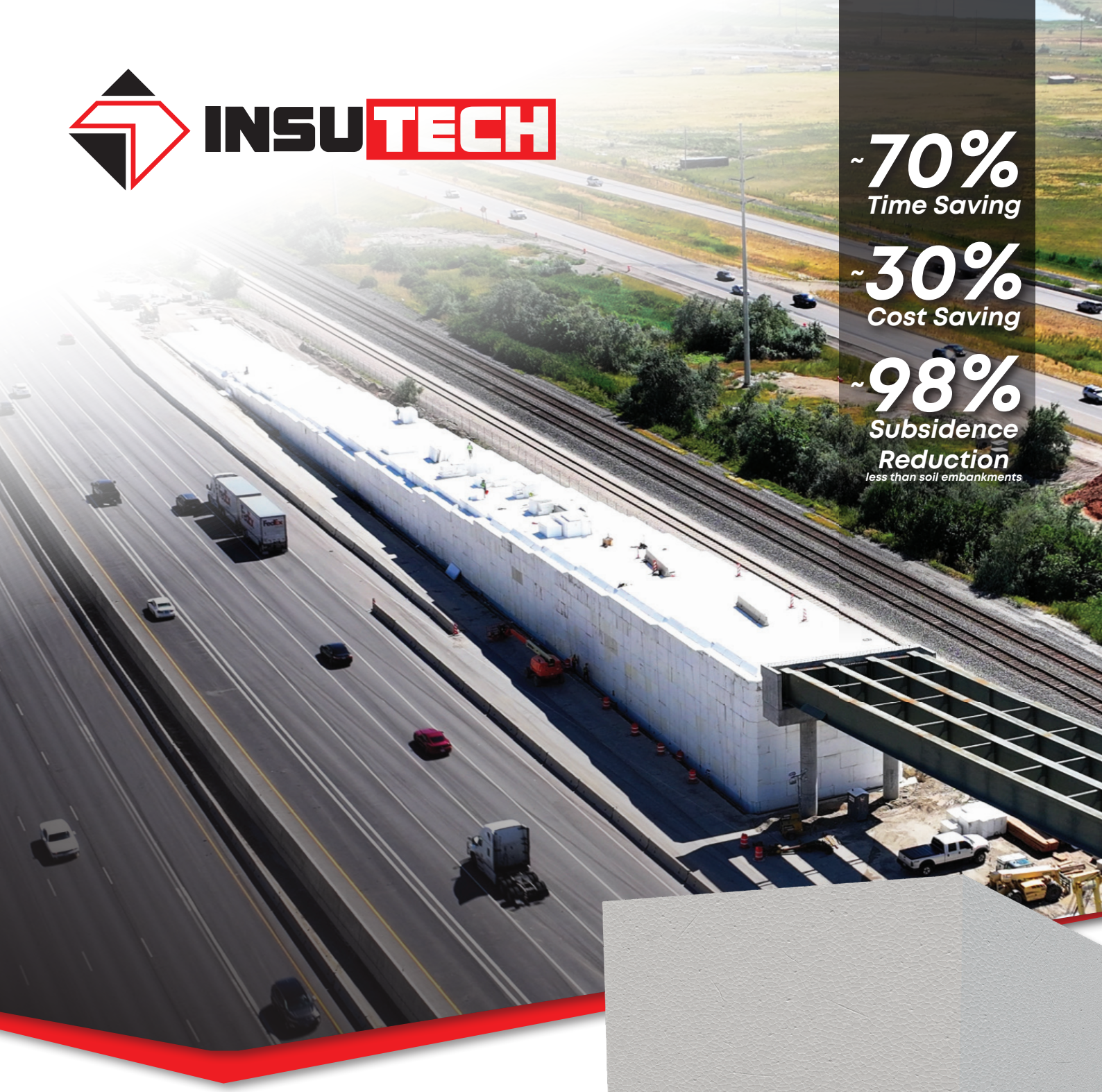
INSUTECH



~70%
Time Saving

~30%
Cost Saving

~98%
Subsidence Reduction
less than soil embankments

GEOFOAM

INFRASTRUCTURE SOLUTIONS

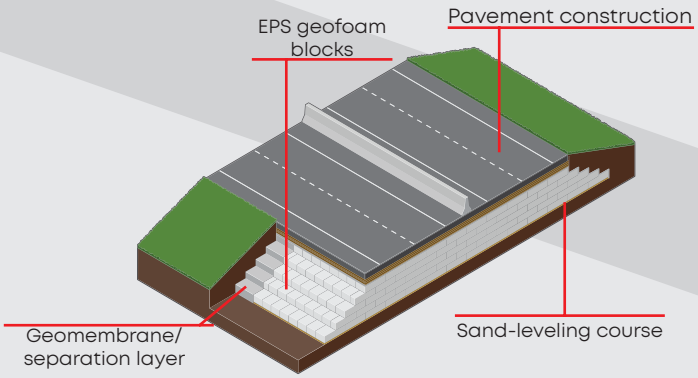
EPS Geofoam is a lightweight, high-strength fill material that reduces soil and structural loads, and enhances stability. The solution is ideal for roads, bridges, embankments, and runways. It is easy to install, cost-efficient, durable, and sustainable—making it a versatile solution for modern infrastructure.

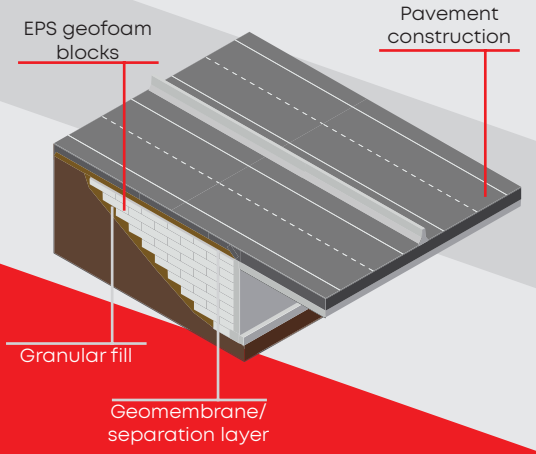
- NON BIODEGRADABLE
- NON-TOXIC
- ECO FRIENDLY
- SIMPLE HEATING PROCESS
- EASY WORKABILITY AT THE SITE

EPS GEOFOAM
APPLICATIONS

ROAD & HIGHWAY CONSTRUCTION
OVER POOR SOILS

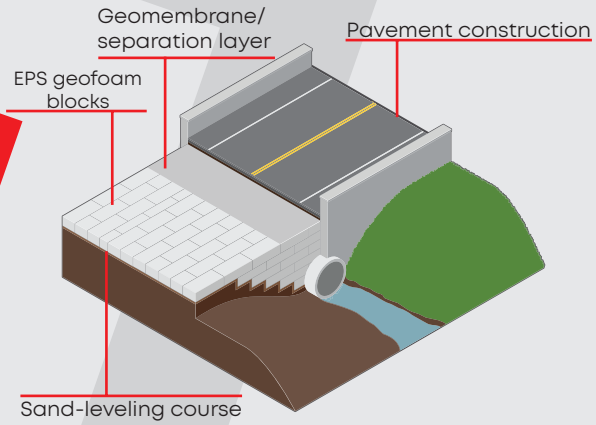
INSUTECH GEOFOAM is used as lightweight embankment fill, especially over soft or unstable soils where traditional materials would not work efficiently. It reduces stress on underlying ground, speeds up construction, and minimizes the need for soil improvement.





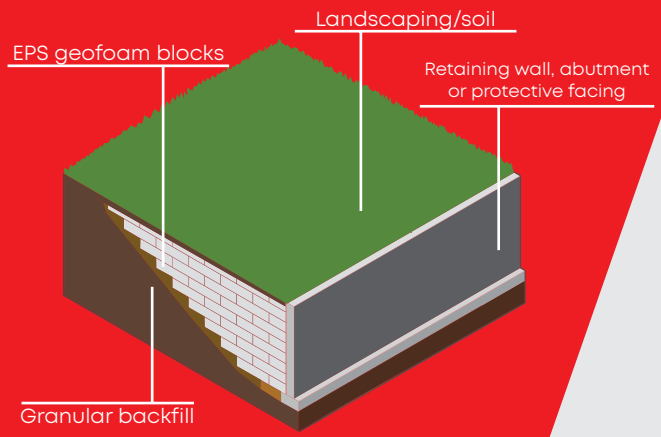
BRIDGE
ABUTMENT

INSUTECH Geofoam is an ideal solution for constructing approach fills at bridge abutments. With its high compressive strength, it safely supports heavy highway loads while significantly reducing stress on underlying soils. This ensures long-term stability, minimizes settlement, and provides a cost-effective alternative to traditional fill materials.



CULVERTS,PIPELINES
& BURIED STRUCTURES

Engineering plans often require new fill over underground structures like culverts, pipelines, and utilities that were not originally designed to withstand added loads. EPS Geofoam offers a lightweight, high-strength solution that reduces stress, prevents damage, and ensures long-term stability while protecting critical buried infrastructure.



RETAINING & BURIED
WALL BACKFILL

EPS geofoam can be used as backfill behind retaining and buried structures to greatly reduce lateral pressures on the structure

Building 77, S-Teseen St., 5th Settlement, New Cairo - Egypt
www.insutech-eg.com info@insutech-eg.com
+20 2 2322 8200 / INSUTECH EGYPT

INSUTECH