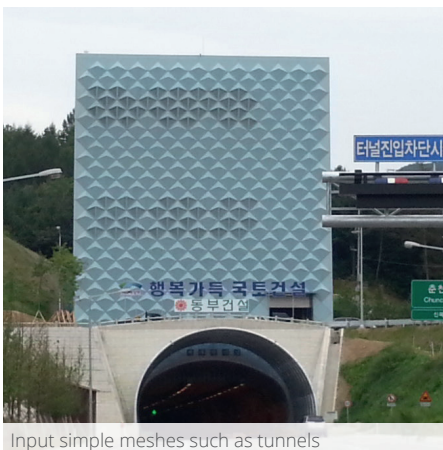


Safe

Geotechnical Engineering Software

Solve geotechnical problems with this powerful 2D geotechnical finite element design software

When two-dimensional finite element computations in plane stress, plane strain, or axial symmetry are required, Safe takes care of it. Oasys' geotechnical finite element analysis software identifies pore pressures and effective stresses separately, including gravitational loads and initial stresses.



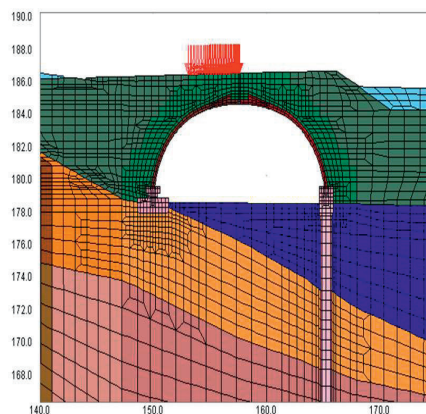
Input simple meshes such as tunnels

Safe software boasts feature-rich capabilities in one package, allowing engineers to model a wide range of situations with no bolt on packages required. Safe can assist in solving any problem in a single project

environment, saving time and money with increased engineering accuracy.

How Safe works

Safe is easy to use and solves a wide range of geotechnical problems. The software program uses an unstructured mesh generator with a clear graphical interface, which allows the input of simple or complex meshes including tunnels and other structures.



Safe

When forming an excavation or embankment, Safe supports incremental loading and changes to material properties, allowing you to store and view intermediate results. The software comes with a range of material models including linear elastic, elastic Mohr-Coulomb, modified Cam-Clay,

soil reinforcement and more.

If you require any assistance with our Safe engineering software, contact the Oasys support team today. Please visit our geotechnical page for a full range of solutions for Retaining Walls, Piling, Excavations and Slopes.

Benefits

- Fully coupled consolidation included as standard
- Advanced post processing for plotting, visual results inspection and report outputs.
- Extensive range of material models including jointed rock, reinforced soil, BRICK material model, elastic Mohr-Coulomb and many others efficiently



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