

## Structural Engineering Software


Michigan

090909090909

[secretariat@geoengineer.org](mailto:secretariat@geoengineer.org)

Software title	<b>ELPLA (ELastic PLAtE)</b>
Software Category	Analysis of Plates
Provider	Sample Agent
Software type	Commercial
Is Featured	No
Price	<b>\$ 0,00</b>

### Other Information

<b>Description</b>	<p>ELPLA (ELastic PLAtE) is a program for analyzing slab foundation of arbitrary shape with the real subsoil model. Available for free.</p> <p>ELPLA (ELASTIC PLATE) is a program for analyzing raft foundations of arbitrary shape with the real subsoil model. The mathematical solution of the raft is based on the finite element method. The program can analyze different types of subsoil models, especially the three-dimensional Continuum model that considers any number of irregular layers. A good advantage of this program is the capability to handle the three analyses of flexible, elastic and rigid foundations. In addition, the mesh of the rigid and flexible foundations can be constructed to be analogous to the finite elements mesh of the elastic foundation. Therefore, the three analyses can be compared easily and correctly. ELPLA can also be used to represent the effect of external loads, neighboring foundations, tunneling and the influence of the temperature difference on the raft. ELPLA is a 32-bit, graphical software product that operates under Microsoft Windows 95 and Windows NT. The common "what you see is what you get" of Windows applications makes it easy to learn how to use ELPLA, especially if you are already familiar with the Windows environment.</p>
Rate:	

### Supported Operating Systems:

1/ Win95/98

2/ WinNT

### Basic information

### More features

### Rooms' details