

SIGMA/W 2007 Product Details

SIGMA/W 2007 Purchasing Options

GeoStudio 2007						
	Universal	Professional	Standard	SIGMA/W	Basic	Student (Free)
SLOPE/W	●	●	●		○	○
SEEP/W	●	●	●		○	○
SIGMA/W	●	●	●	●	○	○
QUAKE/W	●	●			○	○
TEMP/W	●	●			○	○
CTAN/W	●	●			○	○
VADOSE/W	●					

Key: ● = Full edition (all features) ○ = Basic edition (limited features) ○ = Student edition (limited features)

SIGMA/W 2007 Feature Comparison

	● Full	○ Basic	○ Student
Number of multiple/staged analyses (within one file)	No limit	2	2
Number of regions	No limit	10	10
Number of materials	No limit	10	3
Number of elements	No limit	500	500
Import regions from AutoCAD DXF files	Yes	No	No
Licensed for engineering consulting use	Yes	Yes	No
Methods			
Insitu	Yes	Yes	Yes
Load/Deformation	Yes	Yes	Yes
Stress Redistribution	Yes	No	No
Volume Change (Uncoupled Stress/Pore-water Pressure)	Yes	Yes	Yes
Coupled Stress / Pore-water Pressure	Yes	Yes	Yes
Dynamic Deformation (QUAKE/W and SIGMA/W)	Yes	No	No
View Options			
2-Dimensional	Yes	Yes	Yes
Axisymmetric	Yes	Yes	Yes
Finite Element Meshing			
Unstructured mesh	Yes	Yes	Yes
Structured mesh	Yes	Yes	Yes
Infinite elements	Yes	No	No
Structural Elements			
Bar element	Yes	Yes	Yes
Beam element	Yes	Yes	Yes
Equation Solvers			
Direct equation solver	Yes	Yes	Yes
Parallel Direct Solver	Yes	No	No
Soil Models			
Linear-Elastic	Yes	Yes	Yes
Anisotropic-Elastic	Yes	No	No
Hyperbolic Nonlinear-Elastic	Yes	No	No
Elastic-Plastic	Yes	No	No
Modified Cam-Clay	Yes	No	No
Slip Surface	Yes	No	No
Add-In model (user defined)	Yes	No	No
Boundary Functions			
	Yes	No	No