

	BASIC FEM STATICS	STEEL	CONCEPT	SCAFFOLDING	PROFESSIONAL	ULTIMATE
<b>MODELLING</b>						
Frame modelling and linear analysis	■	■	■	■	■	■
Modelling of surfaces and shells and linear analysis	■	■	■	■	■	■
General cross-section editor		■			■	■
Parametric modelling					■	■
3D freeform modeller						■
<b>INTEROPERABILITY AND BIM</b>						
BIM toolbox		■	■		■	■
Revit link			■		■	■
Tekla link		■	■		■	■
<b>LOAD GENERATORS</b>						
Climatic loads	■	■	■		■	■
Mobile loads					■	■
<b>ANALYSIS</b>						
Basic non-linear analysis	■	■	■	■	■	■
Stability analysis (general buckling form)	■	■	■	■	■	■
Advanced material non-linear analysis		■		■	■	■
Advanced interaction soil-structure (soilin)						■
Material non-linear analysis for concrete						■
Dynamic eigenmodes analysis		■	■		■	■
Seismic		■	■		■	■
Construction stages						■
Prestressed concrete design						■
<b>CONCRETE DESIGN</b>						
Concrete design of frames and surfaces (theoretical reinforcement)			■		■	■ (EN, IBC, SIA)
Concrete punching check - EN 1992			■		■	■ (EN, SIA)
Practical reinforcement			■		■	■
Long term deflection analysis			■		■	■
<b>STEEL DESIGN</b>						
Steel design and optimization - Steel code check - EN 1993		■	■	■	■	■ (EN, IBC, SIA)
Cold formed steel design - EN 1993		■			■	■ (EN, IBC)
Steel fire resistance design - EN 1993		■			■	■ (EN, SIA)
Steel connection design and drawings		■			■	■
Scaffolding checks - EN 12811-1				■		■
Foundation pad design - Pad foundations - EN 1997		■	■		■	■
<b>DESIGN OTHER MATERIALS</b>						
Timber design and optimization - EN 1995			■		■	■
Aluminium design and optimization - EN 1999					■	■
Composite beam design - EN 1994					■	■ (EN, IBC)
Composite column design - EN 1994					■	■
<b>OVERVIEW DRAWINGS</b>						
General overview drawings		■		■	■	■
<b>OTHER ADD-ONS</b>						
Toolbox 'Open Design'					■	■
Other languages		■	■	■	■	■