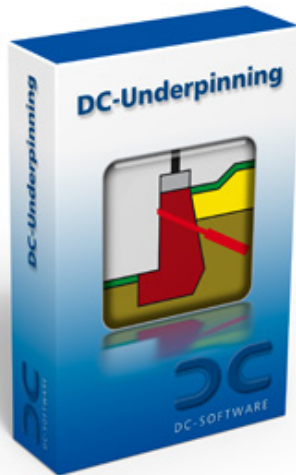


DC Underpinning - Building underpinnings and retaining walls



- Arbitrary shape of the underpinning unit
- Slopes on the ground and in the excavation
- Bends and jumps are possible in the main axis
- Wall foot free, elastic, supported or fixed
- Earth pressure on the inclined wall
- Earth pressure with layer parameters or defined
- Different earth pressure redistributions
- Water levels, water and base water pressure
- Excavation and dismantling stages
- Load cases with dead and live loads
- Wall design as concrete block
- Anchors and props incl. pre-deformation
- Inactive anchors for the analysis of variants
- Anchor analysis in the deep sliding plane
- Safety against sliding and bearing capacity
- Settlement analysis
- Option: Optimization of wall width and anchor forces
- Extensive result output
- Graphics for any load cases and excavations
- Simple changes with double click
- Copy and paste of elements
- Export graphic in JPG format (e.g. for Word)
- Analysis with partial safety factors acc. to DIN 1054:2005, SIA 267 and OENORM B 1997-1-1
- Design acc. to EC 2, DIN 1045-1, SIA 262, OENORM B 1992, OENORM B 4700
- Support of DIN 4017:2006 for bearing capacity analysis
- English, German, French language