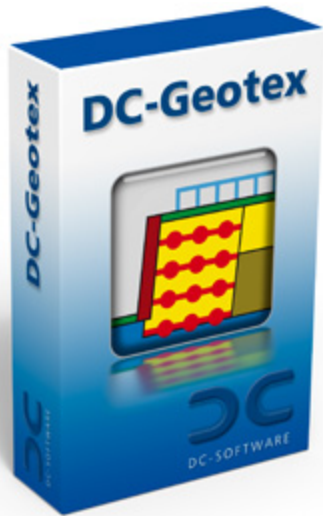


## DC Geotex - reinforced earth with geosynthetics



- Analysis of the required geosynthetics lengths
- Proof of the internal stability:
  - Block sliding method (KEM)
- Proof of the external stability:
  - Safety against overturning
  - Safety against sliding
  - Bearing capacity analysis
  - Slope stability analysis
- Proof of the turn-over length
- Proof of the earth pressure on the external skin
- Different wall constructions
- Predefined geosynthetic types with reduction factors
- Parameter list free extendable
- Automatic-function for the definition of geosynthetics layers
- Different load cases
- Arbitrary layer course: earth pressure acc. to Culmann
- Optionally extensive or short output
- Language selection: English, German, French
- RTF Export of the results
- With partial safety factors acc. to DIN 1054:2005, SIA 267, OENORM B 1997-1-1, EBGEO 2010 with dynamic loads
- support of DIN 4017:2006 for bearing capacity analysis
- English, German, French, Romanian language