

Program Details

Windows 7/8/10

OPERATION SYSTEM

ARTICLE NUMBER

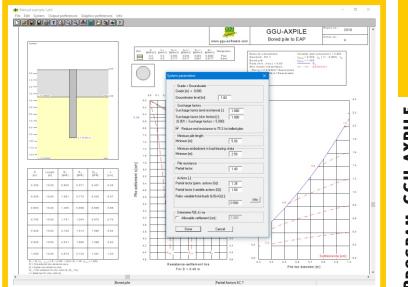
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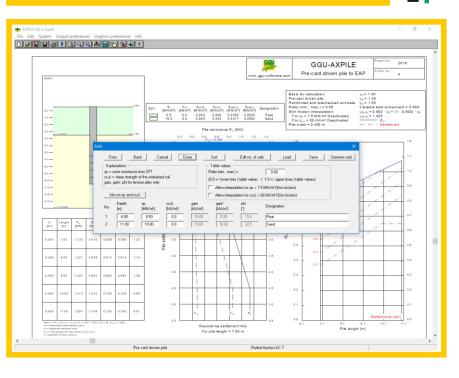
Description

GGU-AXPILE – Calculation and graphical presentation of piles to DIN 4014, DIN 1054, EC 7, EAP or after Franke.

Capabilities:

- Choice of analysis using either partial safety factors to DIN 1054:2005 or EC 7 or global safety factors (DIN 1054 old)
- Pile analysis compliant with EAP (Recommendations of the Working Group on "Piles" - EA-Pfähle = EAP)
- Bored pile analysis compliant with DIN 4014
- Driven pile analysis compliant with Tables C.1 and C.2 of DIN 1054:2005 or Franke
- Analysis as compression or tension piles for circular or square piles
- Analysis of allowable pile load as a function of soil properties
- Variation of pile (side) length or pile diameter
- System input using absolute heights
- Soil properties can be selected from an expandable database of common soils
- Input of several pile diameters/pile widths with user-defined values
- Limitation of pull-out radius for tension pile analysis
- Visualisation of allowable load as a function of diameter or length
- Resistance-settlement curves for selected pile lengths
- Visualisation of adopted pile in pile cross-section legend
- Adopted standard, program name and version can be included in the General legend
- Freely definable positioning and sizing of graphical elements and legends
- Print or copy screen sections, e.g. for transfer to a word processor
- Integrated Mini-CAD system for additional annotation of graphics





PROGRAM GGU-AXPILE GEOTECHNICAL ANALYSIS

