



Input Data:

Project

Section

Rebars

Materials

Safety factors

Buckl. lengths

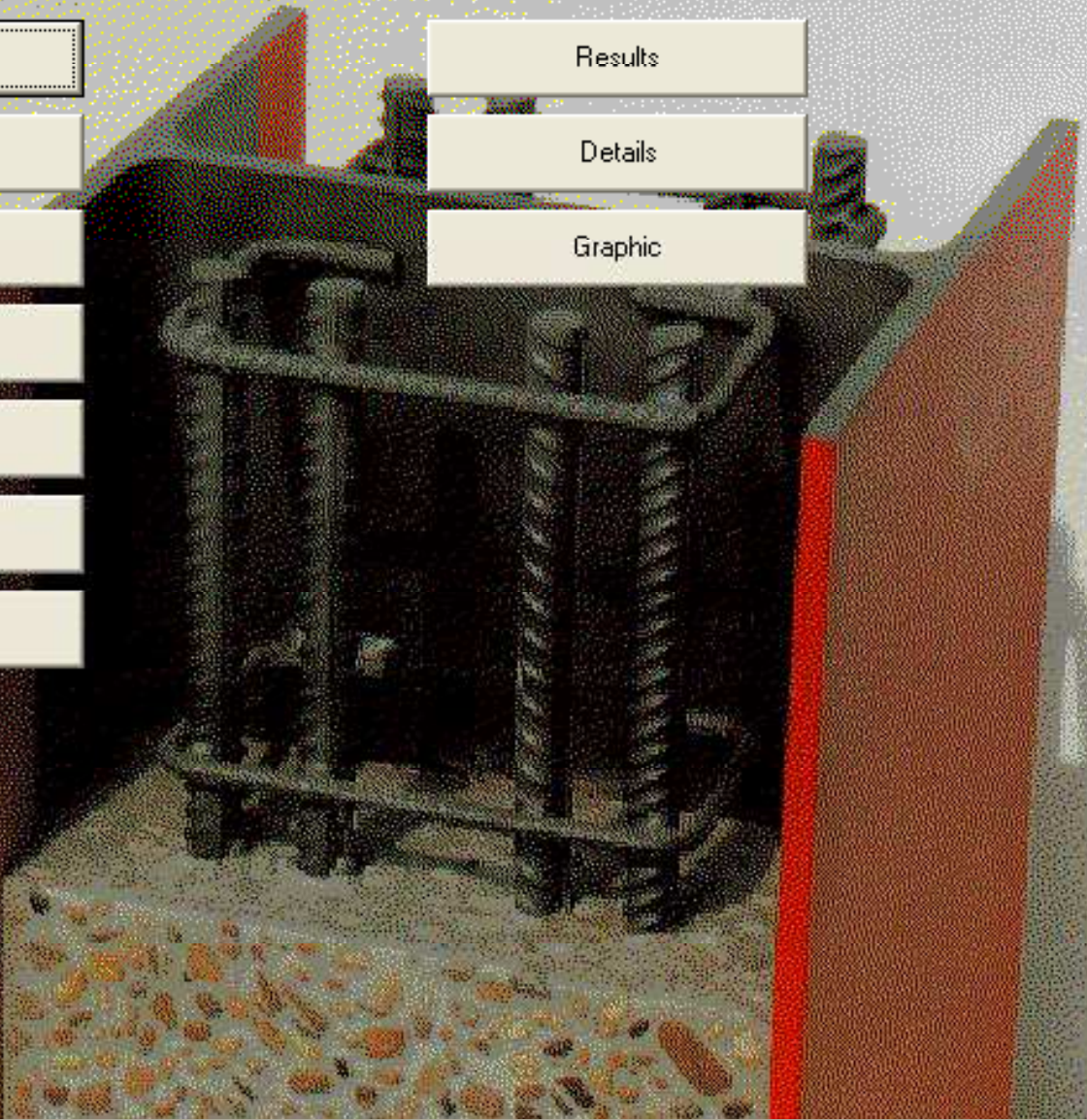
Eccentricities

Results:

Results

Details

Graphic



Contents

- [1. Aim of the program](#)
- [2. Input data](#)
 - [Project](#)
 - [Section](#)
 - [Rebars](#)
 - [Materials](#)
 - [Material safety factors](#)
 - [Buckling lengths](#)
 - [Eccentricities](#)
- [3. Results](#)
 - [Results](#)
 - [Details](#)
 - [Graphic](#)

This software takes only account of factors or variables that are generally the most determining.
The software is only for users who are able to make themselves an accurate idea of its possibilities, its limitations and adequacy to the various practical applications.
The customer uses it under his own responsibility, at his own risks and waives any warranty and all rights of recourse.

Aim of the program

The program AFCC calculates the ultimate loads for composite columns AF 30/120 at room temperature according to EUROCODE 4 Part 1.1 (ENV 1994-1-1) and for the ISO fire classes R30, R60, R90 and RI20, with accordance to the EUROCODE 4 Part 1.2 (ENV 1994-1-2).

This program calculates columns under loads with small constant eccentricities.

The program only calculates double-symmetric, partly-encased columns with uniform section over the whole length of the column.

Annex H of ENV 1994-1-1 is not considered.