

## Structural Engineering Software

### Structural software for the designing reinforced concrete beams, slabs, columns and piles

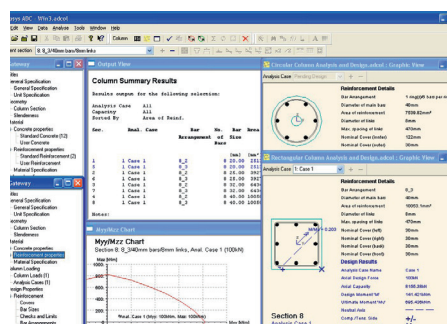
ADC is a program for the analysis and design of concrete beams, columns, slabs and piles to various design codes. The ability for users to work with standard steel and concrete material grades and rebar or define their own makes ADC flexible as well as straightforward. This structural design software is easy to use and is ideal for both building and foundation designers.



Ultimate design and analysis tool for reinforced concrete beams

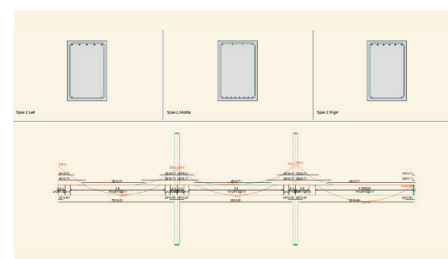
### How ADC works

ADC analyses and designs multi-span beams and one-way slabs, including the effect of connecting columns. The program automatically applies patterned loads to work out the moment and shear envelopes. It can also redistribute the moments to maximise efficiency of the section. The result is a fully reinforced beam or slab design that takes detailing, as well as span and effective depth checks, into account.



A range of outputs for Rectangular, circular and hollow circular sections

Rectangular and circular columns, along with circular piles, are design for axial loads and bi-axial moments, including automatically calculating eccentricity effects. ADC enables users to make the final engineering choice by presenting a list of reinforcement arrangements that meet the detailing and load requirements.



Movement envelopes

### Benefits

- Wide range of detailed design for reinforced concrete sections.
- Intuitive software allowing fast data input.
- Detailed output for quick schemes and rebar assessment.
- Rapid input of data through wizard type interface.



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