



Contact oasys@arup.com for more information.

Key Features

- Flexible: Wide range of detailed design for reinforced concrete sections.
- Straightforward: Input data rapidly.
- Effective: Detailed output for quick schemes and rebar assessment.

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

ADC analyses and designs concrete beams, columns, slabs and piles to various design codes. Users can work with standard steel and concrete material grades and rebar, or define their own. ADC's **intuitive** Wizard-type interface allows you to import data efficiently. Ideal for both foundation and building designers, ADC provides **easy-to-use, straightforward** support for designing structures.

How ADC works

ADC analyses and designs **multi-span beams** and **one-way slabs**, including the effects 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.

Where it's used

- Rectangular and circular columns.
- Circular piles.
- Design for axial loads.
- 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.

Contact us for more information

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