

# Stairs



Precast concrete staircases provide unobstructed, early, secure and instant work platform during construction. This solid footprint helps speed up construction provides a safer working environment by allowing immediate access to be gained.

With a quick installation time frame, the installation of precast concrete staircases will save both time and cost with elimination of site shuttering and scaffolding, resulting in reduced construction site cost and often saving weeks on the project schedule.

As Precast concrete needs no additional curing on site and does not require protection from weather conditions, the installation process is quick, neat, clean and dry. With the intrinsic properties of thermal inertia, precast concrete staircases allow a more constant temperature both in cold and hot regions, as well as acoustic insulation. The densities of the material ensure effective sound reduction and a min 1h fire resistance making this an ideal choice for commercial and residential use.



Example of stairs installation

Example of our stairs design

The screenshot shows the FLOORCAD STAIRS software interface. The central area displays a 2D diagram of a staircase with dimensions: a total width of 3000, a left landing width of 1000, a right landing width of 750, and a total height of 1028. The diagram also shows a horizontal span of 1250 for the main flight.

On the right side, the 'SECTION/PLAN' section has 'Section' selected. The 'UNIT' section has 'mm' selected. The 'LANDINGS' section shows 'Left' at 1000 and 'Right' at 750. The 'DETAILS' section includes: Thickness (150), Width (1000), Nosing (25), Chamfer (0), Going (250), Number (3), and Riser (175).

At the bottom, there are sections for 'DESIGN CODE' (EC2 (mm) selected), 'LEFT SUPPORT' (Location 0, Width 50, Reaction 7.52 kN), 'STAIRS WEIGHT' (15.29 kN), 'SUPPORT TYPE' (Walls selected), and 'RIGHT SUPPORT' (Location 0, Width 50, Reaction 7.77 kN). An 'Export' button is located at the bottom right.