



ArchiStair™

ArchiCAD Plug-in for Creating Custom Stairs

ArchiStair is an ArchiCAD extension that allows stairs to be created even when the design constraints of the new project or remodel prohibit them from having a regular shape.

With its simple and rapid graphical interface, ArchiStair allows users to create stairs with treads and landings that have customised, creative shapes.

Work method

ArchiStair is easy and fun to use. To begin, you can either select one of the predefined stair types displayed in the main dialog window or use 2d ArchiCAD elements to draw the shape you desire. Editable Hotspots allow treads and landings to be graphically modified both in the Floor Plan Window and in the 3D Window by simply selecting a node and dragging it to the desi-



red position. The treads of the stair can be curved and the risers can be either standard or angled. All other aspects of the stair are editable and customisable. Let's start with the handrails. The shape of the handrails and handrail ends can be chosen, as can the number and shape of the posts, panels

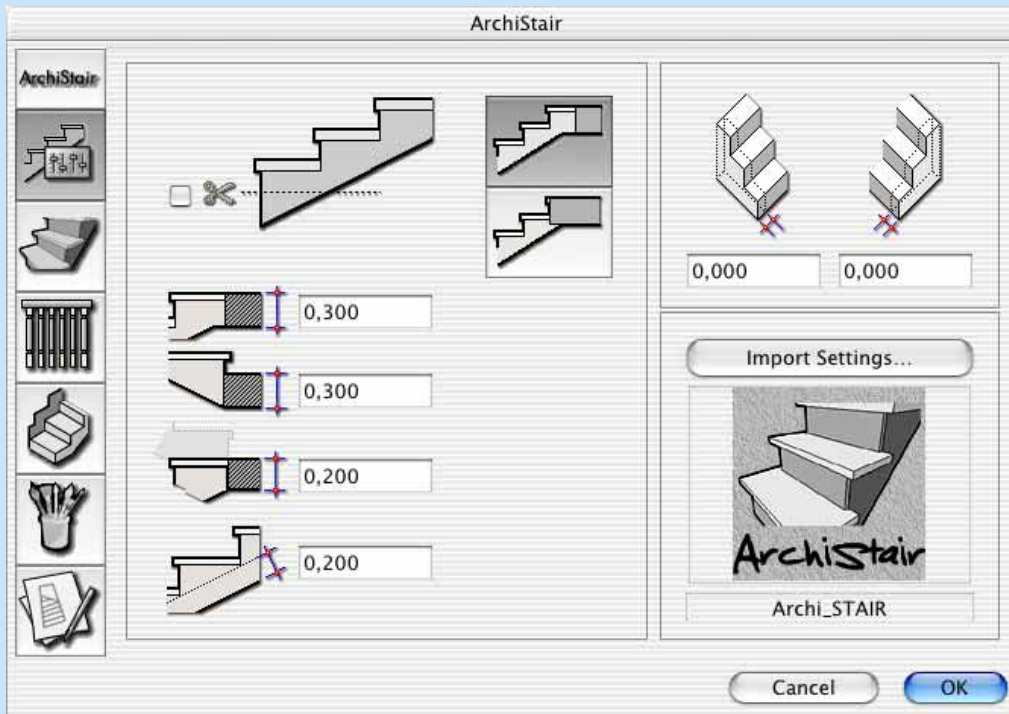


and newels. Even custom objects can be used as elements. For the panels, both the material and thickness can be modified.

Users can add finishing touches such as skirting boards and stringers, which are also customisable both in terms of material and measurements. To facilitate 3D visualisation, supporting walls can be placed under the stair, which can be edited for thickness and material. You can even customise the 2D appearance

of the stair and modify the scale with which it is viewed in the ArchiCAD worksheet.

A complete application, ArchiStair allows you to cut the opening in the slab over the stair automatically. And, as a special feature, the image of a person can be positioned in the Section Window or 3D Window, providing a



means of controlling the height and comfort of the stair. Stairs created using ArchiStair can be saved as Objects. This way, when crea-

ting a new stair, users can load the settings of the stair types present in the library or those from their own stairs created in the past.

