

FLOATING STAIRS 2025





STYLE AND INNOVATION

In architecture and in the field of construction in general, stairs are considered the main backbone of the space. They are a unique piece, both in design and functionality. Depending on the interior design, they can adapt to the aesthetics of the environment or highlight what is intended to be valued.

On the other hand, floating stairs expand the visual space and promote better lighting of the space.

With these designs, a levitation effect is achieved where the steps, made of the same material as the floor, rise along the space, floating in the air.

Our system of floating stairs requires a reinforced concrete wall or a sufficiently sturdy metal support structure to bear the weight of the steps. The supervisory direction will calculate the mechanical needs of the project and determine the characteristics of the support on which the stairs will be installed.

The step support element is a steel structure that is anchored to the wall/structure on one of its sides. For its fixing, only six anchoring bolts are used. No additional components are necessary. The step can be covered with any model from the PORCELANOSA Group.



FLOATING STAIRS



Although there is the possibility of customizing the steps according to the needs of the project, the standard measurements are as follows:

Step length: 80 / 90 / 100 / 120 cm
Step width: Greater than or equal to 28 cm
Step thickness: More than 9 cm

This system is designed primarily for indoor use. However, like the dimensions, it can be adapted for outdoor projects.



SYSTEM COMPONENTS



STEP

A. Anchorage:

Depends on the type of wall. Only available for concrete walls and metal sheets.

B. Core of the step:

Steel structure (S275) with lacquered finish and side reinforcement for the attachment of the railing.

C. h-920:

A High-Performance Adhesive and Sealant Based on Hybrid Polymer Technology.

D. Step box:

Class 3 OSB case for indoor use, or 10 mm XPS for outdoor use, coated with the PORCELANOSA Group flooring model (EN 14411:2012) chosen by the client. Supplied fully finished and ready to be placed.

SYSTEM COMPONENTS



LANDING

A. Anchorage:

Depends on the type of wall. Only available for concrete walls and metal sheets.

B. Core of the step:

Steel structure (S275) with lacquered finish and side reinforcement for the attachment of the railing.

C. h-920:

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CUSTOMIZATION OF RAILINGS:

This 'floating stairs' system allows for a great deal of technical customization. We focus on adapting the gap or perforations in the steps so that specific anchors can be placed, ensuring precise adaptation to the needs of the project.

Furthermore, our commitment to safety is reflected in the implementation of structural reinforcements and precise perforations in the steps, ensuring the system's integrity and durability.





REQUEST FOR QUOTATION

Large: 80 90 100 120 Customized
 cm

Width: 29 Customized
 cm

Ceramic: Group SAP Code Specific Shade

*In the order, the SHADE of the ceramic must be specified. If not specified, the SHADE available from Porcelanosa will be provided.

Support: Concrete Metal Other

Holes for handrail support: Yes No (∅ in mm)

Number of steps with pre-drilled holes:

Pre-drilled holes per step:

LED lighting bottom part Yes No **Steps with LED lighting:**

Delegation: **Comercial:** **Date:**





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Algemesí, Valencia, Spain.
CHIRALT ARQUITECTOS

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Floating Stairs 2025 | 3ª Ed. | 07/2025

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