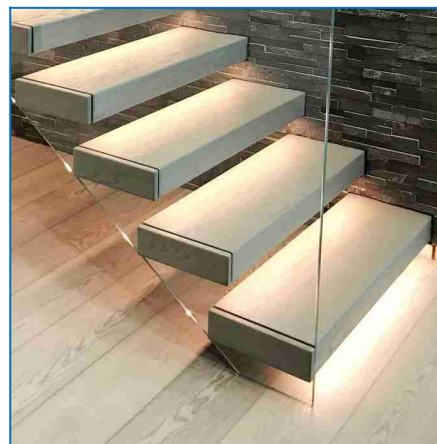


FLOATING STAIRS

Technical Data Sheet · Product data and technical specifications · rev. 08-2026



Floating staircase concept:
Concealed steel cantilever
structure with timber treads
and glass railing.



Typical staircase measures – custom measures available on request

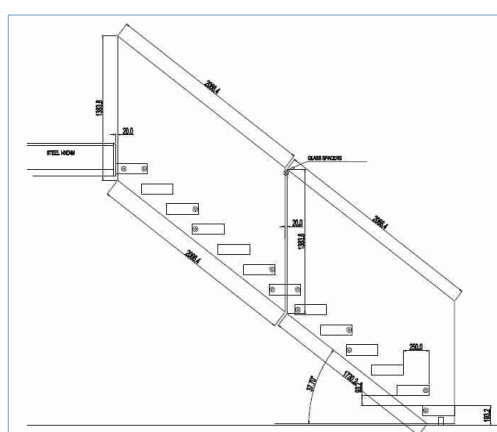
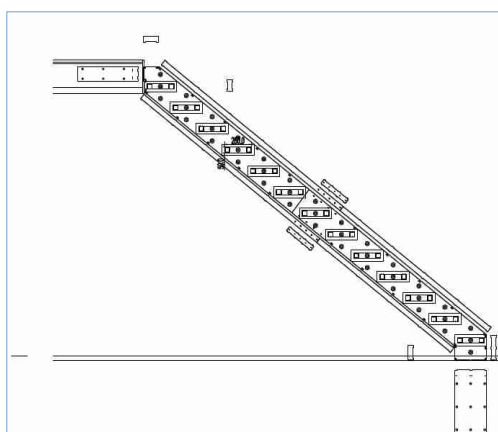
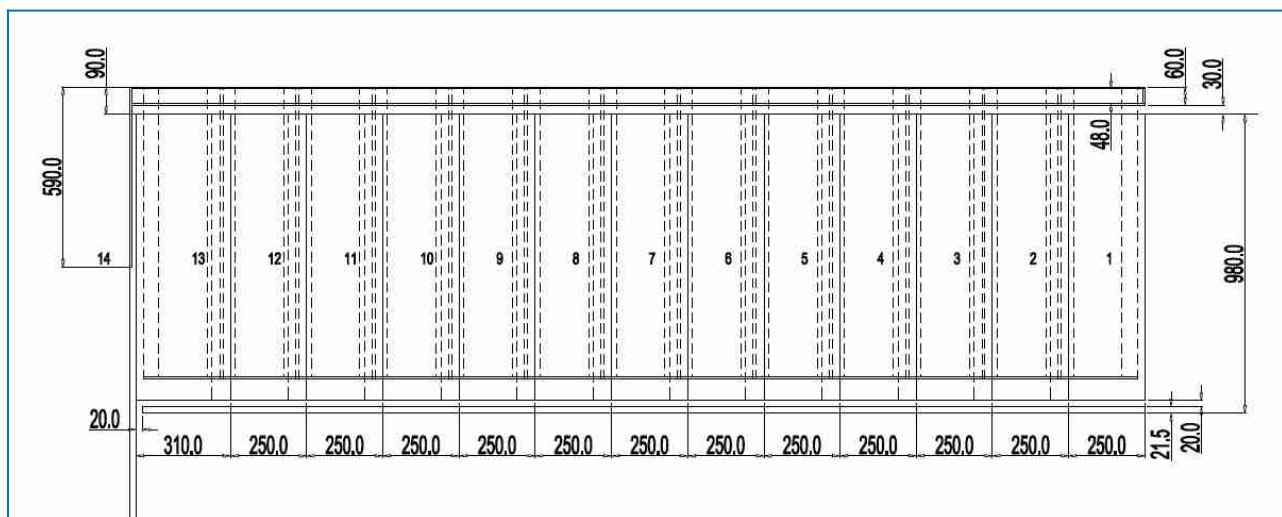
900–1500 mm	800–1300 mm	2700–3700 mm	250–280 mm
Ceiling opening	Staircase width	Finished floor-to-floor height	Typical slab depth

Important: All floating staircases are customized according to site measurements and client specifications.

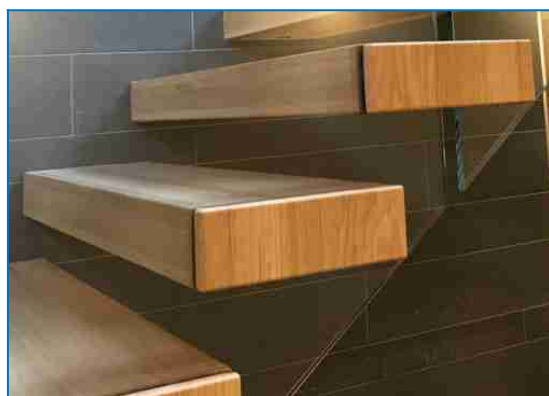
Floating stairs design

Supporting structure	Steel cantilever stringer, concealed behind the wall: 270 × 40/50/70 mm, with steel tubular supports 50 × 50 × 5 mm for the treads.
Treads	Wooden treads, 90–100 mm thick.
Risers	Open risers.
Staircase railing	Toughened laminated safety glass, 17.52 mm or 21.52 mm, fixed to the side of the treads with exposed or invisible fixings.
Glass balustrade at exit floor	Toughened laminated safety glass, 17.52 mm or 21.52 mm; side-mounted or top-mounted with exposed or invisible bolts, or U-channel.

The dimensions shown are typical ranges, not fixed product dimensions. Final engineering and fabrication are based on the specific site conditions, structural requirements and client specifications.



Materials & finishes



Oak 100 mm treads



Granite style treads



Low iron safety glass

Wood · treads	Beech, oak, natural or stained. Marble, granite and stone finishes are available upon request.
Glass · railing & balustrades	Toughened laminated safety glass, natural greenish or low iron / ultra clear.
Stainless steel · fixings	AISI 304 satin brushed.

The dimensions shown are typical ranges, not fixed product dimensions. Final engineering and fabrication are based on the specific site conditions, structural requirements and client specifications.

STRUCTURAL REQUIREMENTS

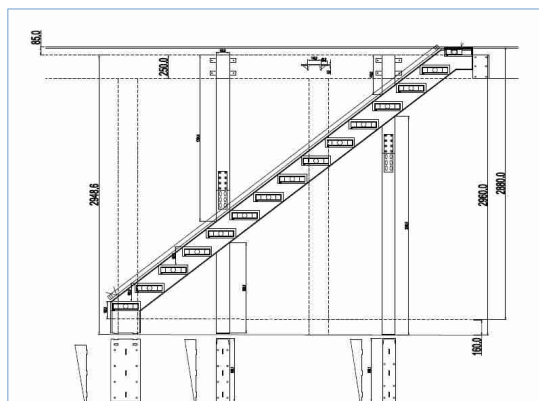
Wall conditions, support options and site preparation

Self-supporting wall The source specifies a solid, self-supporting wall with a minimum depth of 250–300 mm.	Typical staircase load A straight-flight cantilever staircase with 15 treads and glass railing is approximately 1,600 kg.
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Structural conditions

Self-supporting wall	Minimum wall depth: 250–300 mm. The cantilever element is fixed to the self-supporting wall.
Non-structural / thinner wall	If the wall is not self-supporting or is less than 250 mm thick, the steel cantilever element is designed and manufactured to be self-supporting and suitable to bear the floating staircase load. Additional steel posts to the floor or hangers from the ceiling may be incorporated.
Wall cladding	Exposed brick, plasterboard or plaster.
Departure floor	Structural concrete + screed, with tiles, wooden flooring or other finishes.
Typical slab depth	230–300 mm, made of concrete, steel beam, wooden beam or wooden joists.

Engineering approach



Concealed structural engineering	The floating appearance is achieved with a steel cantilever element concealed behind the wall. Where the existing wall cannot safely carry the load, the source specifies a self-supporting steel solution with additional posts to the floor or hangers from the ceiling.
Site-specific design	Every staircase is developed from the actual site measurements and the client's specifications.

For project-specific engineering: final dimensions, fixing details and structural configuration are determined from the site survey and project requirements. This data sheet presents typical specifications from the product technical document dated 15/07/2025.