

# STAIRS AND LANDING CONFIGURATIONS

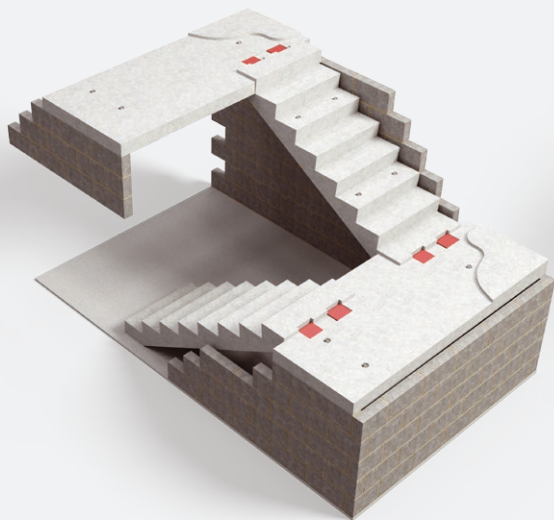
Technical Datasheet



## STRAIGHT FLIGHTS WITH CROSS LANDINGS

A simple and cost-effective solution with side support available for both main and half landings. It provides shorter spans to reduce thickness and weight, ensuring easier handling, transportation and installation.

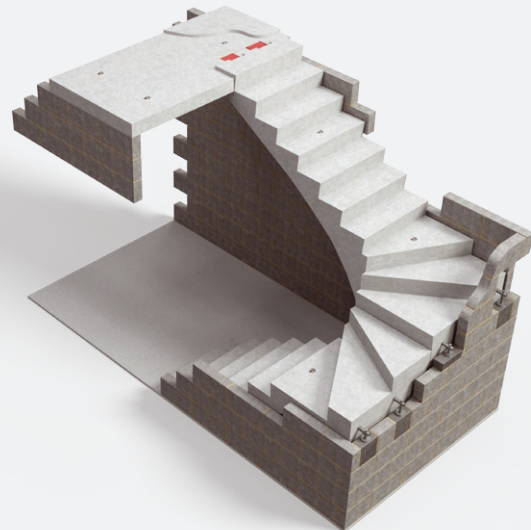
Components are cast in standard moulds and transported flat. Landings can be built-in as the structure progresses.



## PRECAST WINDING STAIRCASE

Available in L or U shaped configurations, including winders at each turn. This type of stair eliminates the need for half landings. It can be easily installed as the building progresses using adjustable support brackets which are located in pre-designed openings in the stairwell.

The winding staircase offers inherent fire insulation and a high level of sound insulation, particularly when used in combination with Bison Precast floors at upper levels.



## STAIR FINISH

All standard stair components are manufactured in grey concrete using a manufacturing process that results in a finish to either soffit or the string that is not suitable for a direct paint or artex finish. It is therefore recommended that where the string or soffit is exposed to view these surfaces are to be either plastered or dry lined. The standard detail for balustrades is to post fix on site to the stringer.

Stairs and landings are available in a variety of standard arrangements. Alternatively they can be tailor-made to suit the application.

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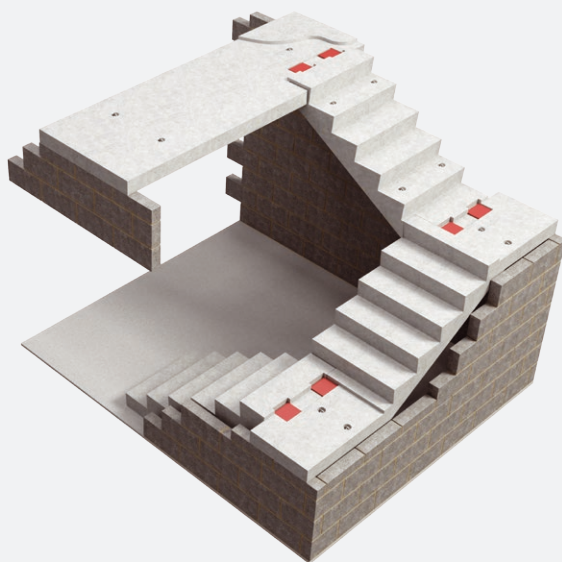
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## FLIGHTS WITH INTEGRAL TOP AND/OR BOTTOM LANDINGS

Design is particularly suitable for use around lift shafts or where there is a requirement for more resting positions e.g. hospitals, care homes etc. Bearing may be taken from side supports, end supports or continuous.

Ideal option for steel-framed buildings or where there is a preference for fewer crane lifts and components. In steel framed buildings installation is normally undertaken prior to the construction of brick/block work.



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