



PRECAST COLUMNS, BALCONIES AND STAIRS

[FPMCCANN.CO.UK/COLUMNS-BALCONIES](https://fpmccann.co.uk/columns-balconies)

FP McCann offers a range of columns, balconies and stair types, including additional features and fittings, to suit all specifications.

RAISING THE LEVEL IN COLUMNS BALCONIES AND STAIRS

FP McCann offers a range of precast concrete columns, balconies and stair types to suit all specifications. All of our products are designed and manufactured to meet client requirements, including additional features and fittings, if required.



BALCONIES

Balconies are attached at height giving the benefit of providing extra outside space and, at the same time, creating a visual feature to a façade.

KEY BENEFITS OF USING PRECAST CONCRETE STRUCTURES

- Increases speed of construction between levels
- Helps reduce margins of error
- High compressive strength
- Eliminates complex pours on-site
- Reduces Health and Safety risks on-site. Health and Safety statistics indicate that fatal accidents are five times more likely on-site than in a factory controlled environment
- Detailed and manufactured to your specification incorporating additional features and fittings, if required

KEY BENEFITS OF BALCONIES

- Balconies can be erected with floor units prior to pouring of screed
- Balconies can be manufactured to suit any architectural and/or structural design
- Time saved on-site
- Designed and manufactured off-site ensures consistent quality and lower construction costs
- Cold bridging can be overcome by incorporating an insulated balcony connector (thermal break) as part of the balcony connecting kit

KEY BENEFITS OF COLUMNS

- Precast columns can be circular, square, rectangular or oval. A range of standard columns are available
- Precast concrete columns may be single or double storey height
- Connections may be made via a base plate to the column or by reinforcing bars projecting from the cast, or set into a preformed hole in a foundation block and grouted into position



TABLE OF COLUMN MOULDS/SIZES

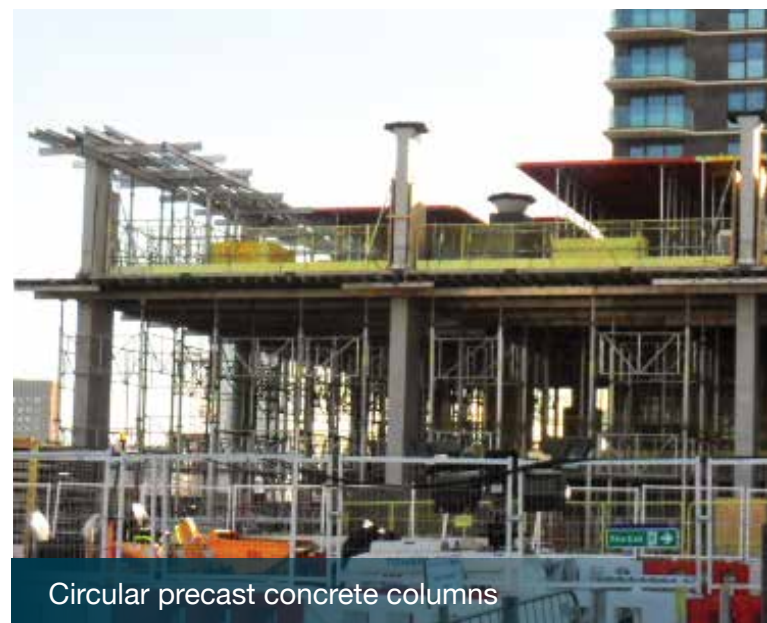
Type	Size (mm) / Details	Max. Height (mm)
Circular	475 Diameter, with NO Flares	2940
Circular	475 Diameter with 900 dia Head & 700 dia Base Flare	3690
Circular	475 Diameter with 1300 dia Head & 700 dia Base Flare	3690
Circular	600 Diameter with 1200 dia Top & 1200 dia Bottom Flare	3690
Circular	650 Diameter with 900 dia Head & 900 dia Base Flare	3690
Circular	700 Diameter with 1200 Top & 1200 dia Bottom Flare	3630
Circular	725 Diameter with 1025 dia Head & 1025 dia Base Flare	3690
Circular	800 Diameter with 1200 dia Top & 1200 dia Bottom Flare	3640
Circular	825 Diameter with 1150 dia Head & 1150 dia Base Flare	4290
Circular	875 Diameter with 1200 dia Head & 1200 dia Base Flare	3575
Circular	900 Diameter with 1400 Top & 1050 Bottom Flare	3100
Circular	900 Diameter with 1200 dia Top & 1200 dia Bottom Flare	3640
Circular	1000 Diameter with 1200 dia Top & 1200 dia Bottom Flare	3640
Circular	1000 Diameter with 1400 Top & 1150 Bottom Flare	7490
Circular	1100 Diameter with 1300 Top & 1250 Bottom Flare	2800
Circular	1100 Diameter with 1300 dia Top & 1300 dia Bottom Flare	3640
Circular	1200 Diameter with 1400 Top & 1350 Bottom Flare	4830
Circular	1200 Diameter with 1400 dia Top & 1400 dia Bottom Flare	3640
Circular	1300 Diameter with 1500 Top & 1450 Bottom Flare	2800
Circular	1300 Diameter with 1500 dia Top & 1500 dia Bottom Flare	3640
Circular	1400 Diameter with 1600 dia Top & 1600 dia Bottom Flare	4240
Circular	1400 Diameter with 1600 Top & 1550mm Bottom Flare	2900
Bullet Shaped	950x350 with 1050x550 Head & Base Flare 3-Faces	3690
Bullet Shaped	1400x450 with 1500x650 Head & Base Flare 3-Sides	7840
Bullet Shaped	1470x500 with 1570x700 Head & Base Flare 3-Sides	11840
Bullet Shaped	950x350 with 1350x1150 Head & 1050x550 Base Flare 3-Sides	3690
Square	450x450 with 650 Top & 650 Bottom Flare along 2-Sides	2800
Rectangular	600x400 with 600 Top & 600 Bottom Flare along 2-Sides	3690
Rectangular	700x400 with 600 Top & 600 Bottom Flare along 2-Sides	3690
Rectangular	900x400 with 600 Top & 600 Bottom Flare along 2-Sides	3690
Rectangular	1000x350 with 800 Top & 800 Bottom Flare along 2-Sides	3690
Rectangular	1000x400 with 800 Top & 800 Bottom Flare along 2-Sides	3690
Rectangular	1000x450 with 800 Top & 800 Bottom Flare along 2-Sides	3690
Rectangular	1000x500 with 800 Top & 800 Bottom Flare along 2-Sides	3640
Rectangular	1000x550 with 800 Top & 800 Bottom Flare along 2-Sides	3690
Rectangular	1100x400 with 800 Top & 800 Bottom Flare along 2-Sides	3690
Rectangular	1100x500 with 800 Top & 800 Bottom Flare along 2-Sides	3690
Rectangular	1100x550 with 800 Top & 800 Bottom Flare along 2-Sides	3690
Rectangular	1100x600 with 800 Top & 800 Bottom Flare along 2-Sides	3690
Rectangular	1200x400 with 800 Top & 800 Bottom Flare along 2-Sides	3690
Rectangular	1200x500 with 800 Top & 800 Bottom Flare along 2-Sides	6190
Rectangular	1200x600 with 800 Top & 800 Bottom Flare along 2-Sides	3640
Rectangular	1200x650 with 800 Top & 800 Bottom Flare along 2-Sides	3640
Rectangular	1200x400 with 800 Top & 550 Bottom Flare along 2-Sides	3100
Rectangular	1200x500 with 800 Top & 650 Bottom Flare along 2-Sides	3100
Rectangular	1200x600 with 800 Top & 750 Bottom Flare along 2-Sides	3100
Rectangular	1200x650 with 850 Top & 800 Bottom Flare along 2-Sides	7690
Rectangular	1200x550 with 800 Top & 800 Bottom Flare along 2-Sides	3690
Rectangular	1250x800 with NO FLARES	7490
Rectangular	1500x800 with NO FLARES	7490



Rectangular precast concrete columns



Circular precast columns being installed



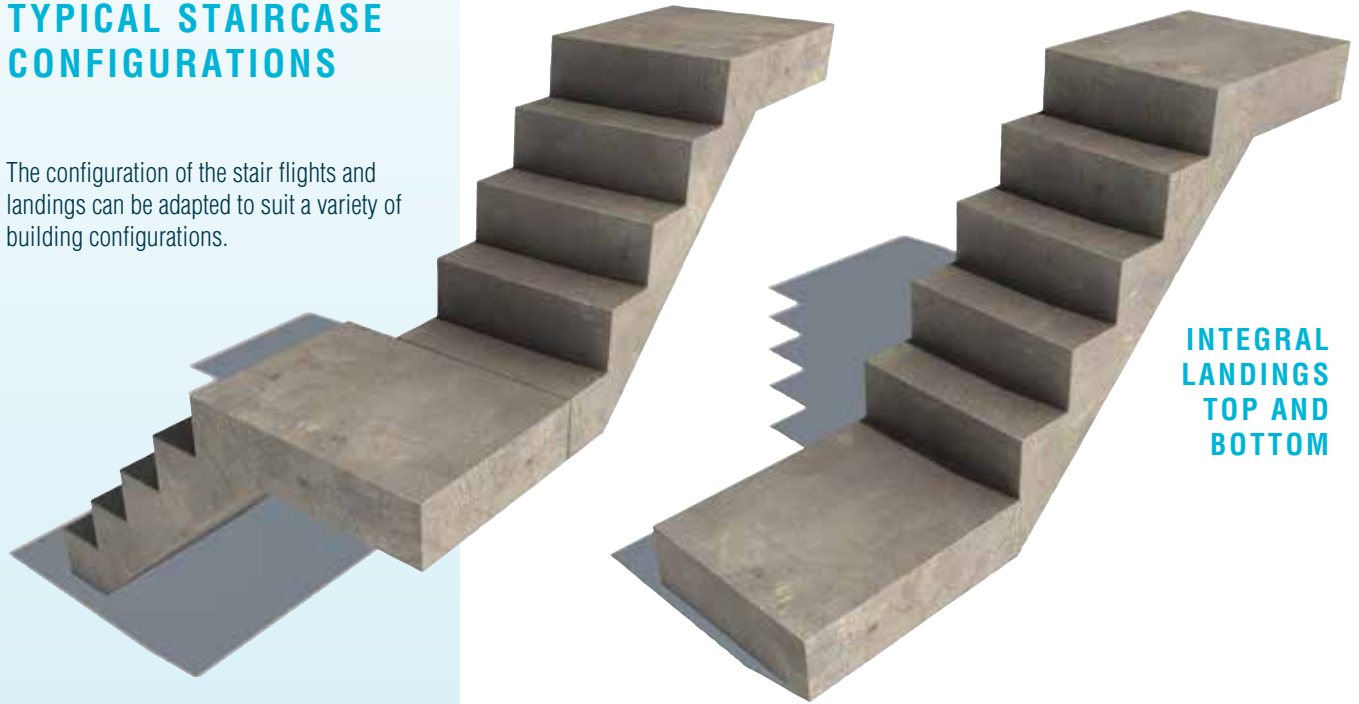
Circular precast concrete columns

STAIRS & LANDINGS



TYPICAL STAIRCASE CONFIGURATIONS

The configuration of the stair flights and landings can be adapted to suit a variety of building configurations.



INTEGRAL
LANDINGS
TOP AND
BOTTOM

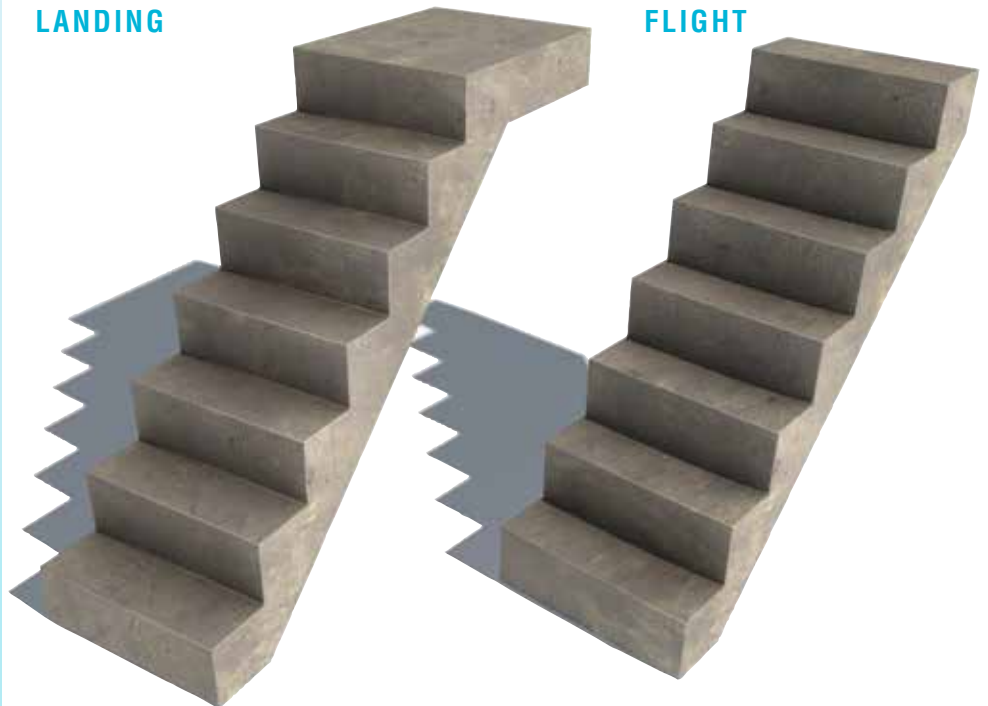
HALF LANDING WITH INTEGRAL FLIGHT

KEY BENEFITS OF STAIRS AND LANDINGS

- Self-compacting concrete provides a high quality finish
- Cast on edge or flat, depending on finish requirements
- A range of casting options are available for integral or separate landings
- Can be provided on a supply-only or supply-and-fit basis
- Ideal for both precast frame and steel frame structures
- Works with our lift shaft cores
- A comprehensive range of adjustable standard and bespoke moulds for stairs and landing configurations, all of which comply with building regulations
- Manufactured to a custom-made design and specific project requirements

INTEGRAL TOP LANDING

STRAIGHT FLIGHT



For further information on our Columns, Balconies and Stairs, please contact: **Ryan Millican** on **07809 538713** or by email on rmillican@fpmccann.co.uk to discuss your requirements.