



**ReadyStair**<sup>®</sup>

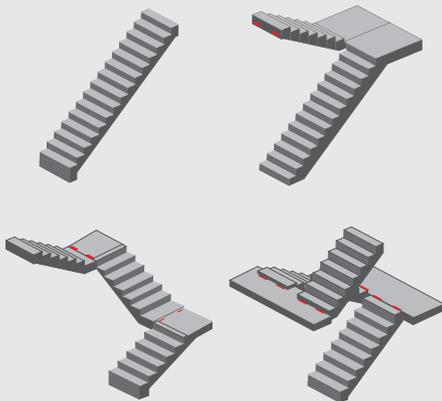
PRECAST STAIRS & LANDINGS



CEMEX offer precast stairs and landings to suit most combinations of floor layouts & designs.

Our units include standard stair flights and bespoke incorporating curves and bull-nosed if required.

Typical Configurations



# PRECAST STAIRS & LANDINGS

## The Benefits of Readystair

### Speed

Installation is rapid providing instant access between floor levels.\*

### Fire Resistance

Stairs and Landings will provide a ONE-hour a fire resistance.

### Durability

Precast concrete is unaffected by climatic conditions and is suitable for external and internal use.

### Finishes

Balustrade fixings can be provided in the form of pockets, however we would generally recommend that fixing for the balustrade be drilled on site.

Stairs and Landings are manufactured in moulds which produce Type A finishes as described in clause 6.2.7.3 of BS8110 part 1 1997. We do recommend that finishes are applied to the units after installation.

The dimensional requirements for all staircases are set out in the Building Regulations Approved Document K. The Building Regulations require that flights of stairs should have all the same rise and going within the dimensional requirements shown below.

The requirements for the three categories of stair considered in the Building Regulations Approved Document K and that for disabled people in Approved Document M are as follows:

|                                   | Rise**<br>Minimum (mm) | Maximum (mm) | Going**<br>Minimum (mm) | Maximum (mm) |
|-----------------------------------|------------------------|--------------|-------------------------|--------------|
| Private stair <sup>1,2</sup>      | 150                    | 220          | 220                     | 300          |
| Utility stair                     | 150                    | 190          | 250                     | 400          |
| General access stair <sup>3</sup> | 150                    | 170          | 250                     | 400          |

#### Notes:

[1] The maximum pitch for a private stair is 42°.

[2] For dwellings, for external tapered steps and stairs that are part of the building the going of each step should be a minimum of 280mm.

[3] For school buildings, the preferred going is 280mm and rise is 150mm

\*Instant access is possible following installation of suitable edge protection.

\*\*The normal relationship between the dimensions of the rise and going is: twice the rise plus the going (2R+G) equals between 550mm and 700mm.

For existing buildings the dimensional requirements in the table should be followed, unless due to dimensional constraints it is not possible. Any alternative proposal should be agreed with the relevant building control body and included in an access strategy (refer to Approved Document M)

For further enquiries or to place an order:

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