



CORNISH CONCRETE PRODUCTS LTD

TERRACING AND SEATING

Auditoriums and stadia are almost always cast in concrete with a view to the following considerations:

- Loading
- Deflection
- Vibration resonance
- Noise
- Fire

In order to meet the stringent programme requirements in today's modern stadia, speed of construction is a major and critical requirement. Precast concrete components contribute a major part in achieving this objective.



The design of terrace units requires careful attention to ensure the maximum benefit for the project. The main considerations are the seating details, geometry of the unit and practical reinforcement detailing. The design of terrace units is based on a simple reinforced concrete design with a minimum beam section of 150mm. The beam section is increased in width only to accommodate reinforcement. The terrace units are designed to optimise the concrete section/reinforcement relationship together with maintaining the rigidity of the unit for dynamic purposes.

By choosing to precast there are additional benefits to take into consideration.

- Quality of finish
- Programme surety
- Reduced preliminary costs
- Reduced health and safety risks on site

Cornish Concrete Products Ltd can offer the complete design, supply and installation package to our customers.

Precast terracing and seating units can be manufactured to suit the client's requirements, in particular for cinemas, theatres and sporting arenas. They can be manufactured to allow for a wide variety of finishes and are quick and easy to install.

