

## Cost Saving Carparks

Hollow Core Concrete's 17m span plank is ideally suited to carpark design.

The use of the long span planks result in:

- The elimination of beams and columns
- Reduced on site labour costs
- Utilising floor area for high density parking
- Elimination of formwork and scaffolding
- Early access to following trades; and
- Speed of construction.

The cross section and load carrying characteristics of the new 400 deep Hollow Core plank is shown on the accompanying diagram.

Precast beams, columns and floors have proven to reduce labour and erection costs where design requirements don't allow the use of the 17m planks.

With the assistance of our own specialist in-house design team, we are able to provide clients and their project consultants with design and feasibility solutions which utilise Hollow Core's precast components.

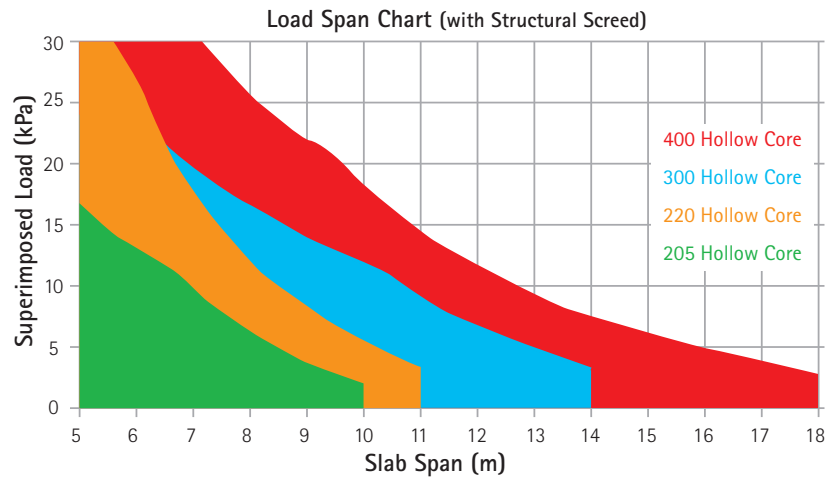
By combining our renowned expertise with the use of precast products, Hollow Core is able to deliver a total precast structural solution that meets specific construction needs.



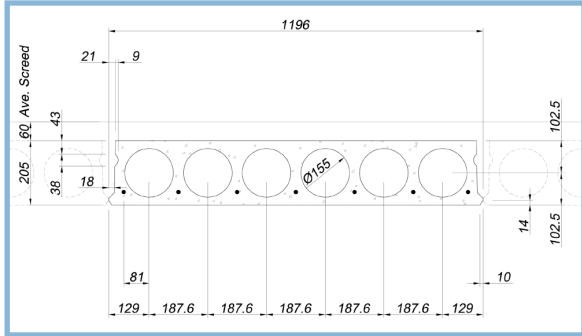
*Maximum flexibility is obtained in floor layouts by eliminating loadbearing components.*



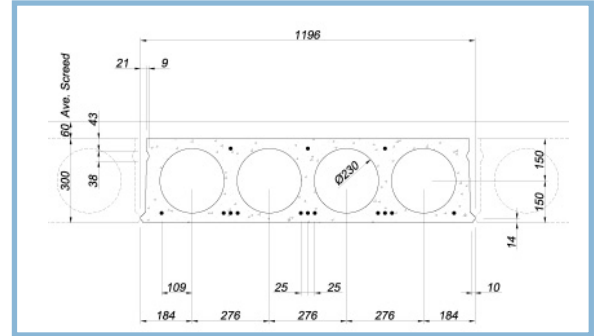
*Spans up to 17m give clear, uncluttered space.*



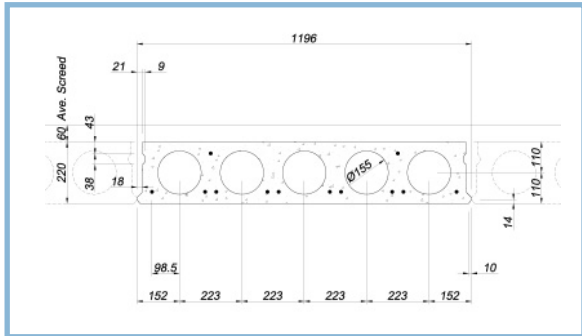
**205 Thick 6 Core HC Slab**



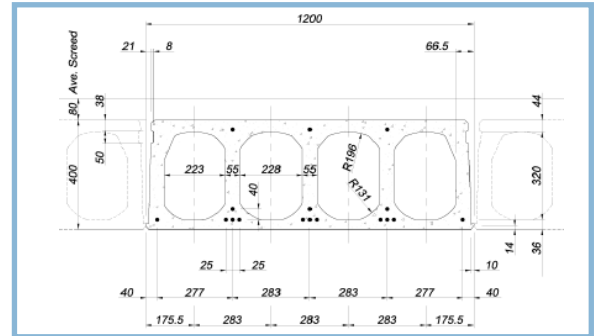
**300 Thick 4 Core HC Slab**



**220 Thick 5 Core HC Slab**



**400 Thick 4 Core HC Slab**



Hollow Core's range of precast concrete products include:

- Floor planks: Hollow Core & MiniSlabs (thin flat slabs)
- Precast / prestressed beams and columns
- Precast reinforced stairs & landings
- Precast / prestressed piles
- Precast / prestressed stadium seating units
- Acoustic panels: both Absorptive SoundTrap® and reflective noise panels
- Termodeck® Hollow Core floor planks



Precast columns and beams used to complement the long span Hollow Core planks.

**For design assistance or further information, please contact the Technical Department:**

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