



## OUR STORY CONTINUED...

A prestress panel is cast on steel beds up to 150 m long and slip formed including 5 mm wire and 9.3 and 12.5 mm strand.

The configuration of the number of wire and strand is determined by our design department. The wire and strand are stressed to 70% of their ultimate capacity.



### CONCRETE STRENGTH

The 28-day strength of the concrete mix is 50 MPa (the high strength facilitates rapid curing).

### CURING

The casting beds are heated all year round and the slabs cure under a tarpaulin for 8-12 hours to achieve a minimum recommended 35 MPa before de-tensioning and stripping the panels from the casting bed.

### STANDARD SIZES

Depths: 120, 150, 170, 200 and 250 mm

Lengths: in 100 mm increments up to 11 m

Widths: 1200 mm

Non-standard widths: in 100 mm increments