

Design Aspects

We are certified in NSAI standards I.S. EN 1168:205+A3:2011 and our design is regulated by EUROCODE 2.

Our set of software packages ensure the safest top quality product and eliminate any chance of human error.

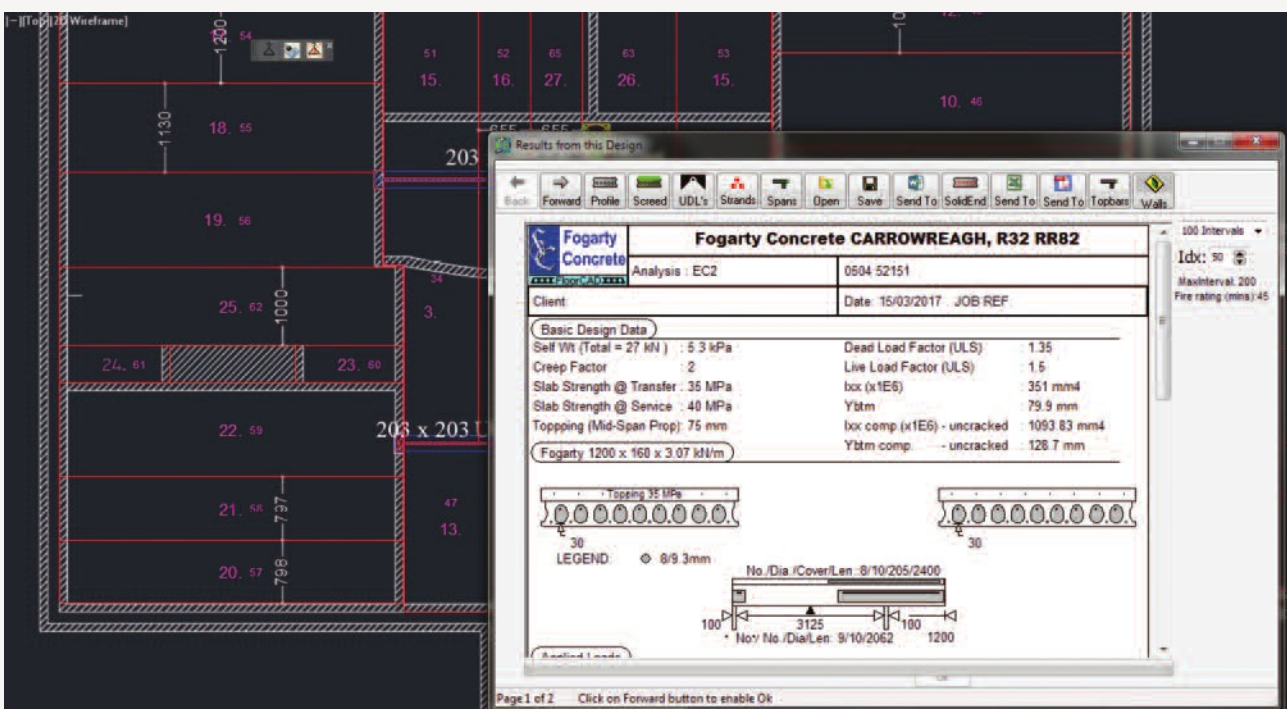


Notes:

- Calculation include 1.5 kN/m² load for finishes
- The self-weight of the slab has been taken into account Greater span may be achieved by applying structural screed over entire slabbing area.
- Bearing of 100mm at each end has been assumed.

Fogarty Concrete	Safe Imposed Load vs Clear Span Data for Prestressed Hollowcore Slabs			
Hollowcore slabs depth	Allowable Clear span (m) for imposed Live Load (kN/m ²)			
	1	2	5	10
160 mm Hollowcore Slab	8.2	7.5	6.1	4.9
200 mm Hollowcore Slab	9.2	8.6	7.1	5.7
250 mm Hollowcore Slab	10.5	9.8	8.1	6.6

Load span table



Flooring software