Table of Contents

Abstract
INSTIUCT

1. Introduction	1
2. Literature Review	11
3. Hardened Concrete Properties	45
4. Time-Dependent Behaviour of Hardened Concrete	165
5. Experimental Program (Phase I) – Material Properties of SCC and FRSCC	225
6. Experimental Program (Phase II) – Short Term Flexural Cracking	267
7. Experimental Program (Phase III) – Long Term Flexural Cracking	331
8. Analytical Models for Instantaneous and Time-Dependent Flexural Cracking of SCC and FRSCC	385
9. Finite Element Modelling of Cracking Behaviour of the Conventional Steel Reinforced and Fibre Reinforced Selfcompacting Concrete Slabs	427
10. Summary and Conclusions	473
References	480